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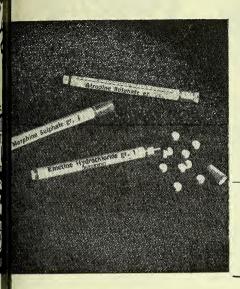
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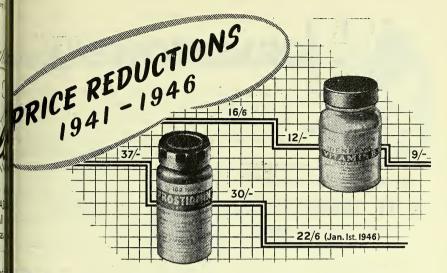
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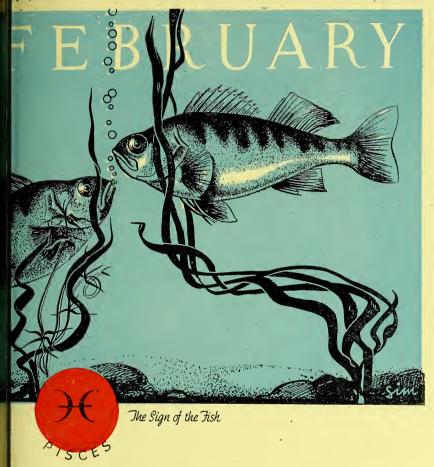
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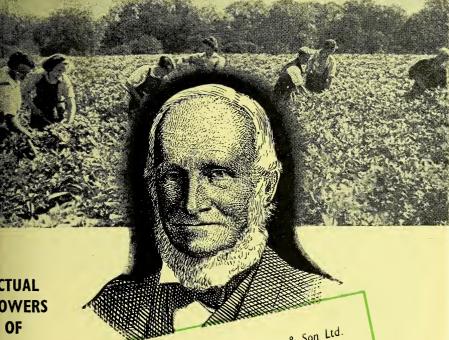
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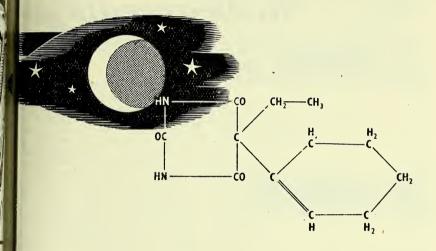
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NEWS OF THE WEEK

Me cated Soaps.—The Ministry of Food no ces that medicated soap containing percent. or more of tetraethylthauran lphide has been added to the list of which may be supplied against different prescriptions.

Bo i of Trade Registers Amended.—The of Trade have issued lists of amenden to the home trade and toilet preparagisters. Copies are obtainable, price anny each, from H.M. Stationery

Pu hase Tax on Surplus Stores.—A leaflet sue by the Customs and Excise (No. 157) pll s the position regarding purchase Government surplus stores. There come and registered persons should obtain ods at a tax-exclusive price. In the cases, however, disposal goods will s s l at a tax-inclusive price to both gis red and unregistered buyers.

Jo Committee to meet Minister of eal—Representatives of pharmaceutical galations are to meet the Minister of

Health on February 4 to hear from him his proposals for the National Health Service and to express their views on them. The Joint Committee on a National Pharmaceutical Service has approached other organisations with a view to a joint deputation to the Minister on the basis of the policy approved by the Joint Representatives' meeting in 1945. The following organisations have accepted this invitation and will be represented in the deputation: The Guild of Public Pharmacists, National Pharmaceutical Employees' Union, Scottish Pharmaceutical Federation and Wholesale Drug Trade Association.

Joint Trade Committee.—A joint committee of the Association of British Chambers of Commerce and the Federation of British Industries has been set up to formulate a joint national policy on overseas economic questions. The Committee is composed of four representatives each of the two organisations, each of which will retain complete liberty of action to express to the Government—and in other quarters—its independent views on any subject coming within

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the Committee's purview. Members of the Committee are :- Representing the Association of British Chambers of Commerce. Mr. J. S. Dodd (president); Sir Arnold Gridley, K.B.E., M.P., Lord Luke, and Mr. John McLean; representing the Federation of British Industries, Sir Clive Baillieu, K.B.E., C.M.G. (president), Sir Peter Bennett, O.B.E., M.P., Mr. E. W. Goodale, C.B.E., M.C., and Mr. G. S. Maginness.

Manchester Dinner-dance.—A dinnerdance and whist drive organised by the Manchester Pharmaceutical Association, the first since 1939, was held on January 23. The guests were received by the president and Mrs. W. Wilkinson. Prizewinners in the whist drive were: Mrs. Spencer, Miss W. Sharples and Miss Harris, Messrs. E. Cronin, Ĥarry Brindle, and J. H. Franklin.

New Appeal for Blood Donors.—Demand for blood by hospitals is revealed by the Ministry of Health to be exceeding current supplies, and stocks in "blood banks" are stated to be dangerously low. Appeals are made to those who have been on donor panels to continue their support wherever they may be, and to persons not already enrolled in the blood-transfusion service to give their names in at the local depôt.

Siam Trade Restrictions.—It is officially announced that, despite an agreement reached between the British and Siamese Governments, the provisions of the Trading with the Enemy Act, 1939, continue to apply to trading with persons in Siam, and the provisions of the Trading with the Enemy (Custodian) Order, 1939, to money due to and property held for persons resident or carrying on business in that country.

Dublin Chemists' Dramatic Society.—A Chemists' Dramatic Society was launched at a well-attended meeting of pharmacists held in Dublin on January 11. Mr. P. C. Cahill acted as chairman of the meeting, and speakers included Messrs. F. Meagher and D. J. Nugent. The following committee was elected: The Mesdames Stoner and N. Coleman; the Misses B. Dillon, N. Fox, and C. Killeran; Messrs. J. Byrne, O. Flynn, M. Murphy, J. O'Reilly, M. G. Power, T. F. Redmond, J. J. Tierney, and C. Ward.

Eire Examination Results.—The following candidates were successful in the Assistants examination held by the Pharmaceutical Society of Ireland in January: Margaret Mary Bermingham, Philip Patricia Cassidy, Mary Kathleen Dympna Cullen, Patrick

Doherty, Martin Joseph Fahy, Aiden Hanley, Mary Harty, Edward N nev Thomas Joseph Moran, James Mc thy Mary Honoria McDonagh, Leo 'cen McKeever, John Theobald McLoughl Uni McMorrow, Pauline Bernadette (or Margaret Mary O'Sullivan, Karl ryar Mary Quinn, Sean Colman Ryan, ber James Semple, Matthew Declan Sheelagh Mary Wickham.

Birkenhead Dinner.-Birkenhead and Wirral Pharmacists' Association h or January 18 their first annual dinn and ladies' evening for six years. The propaguests were Mr. H. Graham White and Alderman W. J. Tristram, J. (amember of the Pharmaceutical Sc ty Council, National Pharmaceutical nior Executive, etc.). The guests were relies by the president (Mr. W. R. Evaso and Mrs. Evason. Speeches emphasise that the pharmacist had given a willing vice of a high standard during the war now that a new National Health Servic was planned the Government should re minded of that fact. The evening con dec with vocal items and a conjuring dist 7.

Harrow Questions on Sulphonam s.-At a meeting of the Harrow Branch the Pharmaceutical Society on Janua Mr. D. G. Ardley addressed memb "Chemotherapy of Bacterial Infect is." During the subsequent discussion, a m be asked whether the speaker considere w tablets of thiazamide four-hourly effective, as this amount was freq the ordered by doctors without any indi io as to an initial loading dose. Mr. Ale emphasised that the treatment was to be ineffective without the initial rg dose. Replying to Miss Neal, he said nicotinic acid was practically valuel the prevention and treatment of r during sulphonamide therapy. Miss asked for information about the reddegree of sulphonamide-absorption oily or non-oily ointment bases, bu Ardley thought the difference of no pra importance. Mr. McNeal raised the quality of calling sulphonamide preparation by their proper names and asked while Mr. Ardley was in favour of standardie of in size, colour and shape. The sp agreed that official names should be for official preparations and that non-preparations should be known by approved titles. Manufacturers, how a should have the right to indicate brand after such name; the standardis 11

lets he thought desirable. A vote of s to the speaker was proposed by Miss and seconded by Mr. Moon.

Inges in Glasgow Curriculum.—Followlecture on "Therapeutics Throughout
ges" given to the Glasgow and Southrn Scottish Branch, Pharmaceutical
y, by Professor Noah Morris
ly Professor J. P. Todd (chair of
acy, Royal Technical College, Glasteclared that a revision of the syllabus
College was overdue, and that changes
oming. Only by education would the
acist hold his place, and he ought to
s a knowledge of the action of various

Glasgow prided itself on being of other places, and they had at times ted changes that were unpopular at it were afterwards seen to be for the of pharmacy. The Society wisely t insist on all schools following the ine. The pharmacist should be able to the doctor "Here is a row of ations, all with fancy names but all same composition and all for the burpose." Professor Morris said he plated letting pharmacy students to the action of certain drugs, and or Todd and he were contemplating in ction when their staffs came back. If y to a question by Mr. Brodie, he believed in the integration of all the is that bore on health, and believed at ison between pharmacy and medicine ome more quickly through individual ation than through planned codi ion; in a hospital they saw this teleping of the place of the planed codi ion; in a hospital they saw this teleping of the planed codi ion; in a hospital they saw this teleping of the planed coding the p

Bi h Association of Chemists.—The meeting of the British Association insts was held recently, Professor V. Norrish (president), in the chair. ESIDENT announced the presentation thinchley medal to Mr. H. N. d., O.B.E., Ph.C., M.P., saying that the award of this medal had been academic distinction, the second resident distinction in the industrial distinction which had done excellent the profession in the Parliamentary He then handed the medal and by Mr. Linstead, who expressed his tion of the distinction which had inferred upon him. He thought at a B.A.C. had a great future, and the would fight to retain its position at agent under the new National SMT. The reports of the treasurer (c. Peck), and of the council were

presented to the meeting. THE PRESIDENT stated that the Association was faced with considerable economic and social problems, and was embarking on a policy of collaborative enterprise with other bodies having similar aims. The reports were adopted. The following officers and councillors were then declared elected: President, Professor R. G. W. Norrish; Vice-presidents, Messrs. A. E. Dunstan, P. Haas, T. McLachlan, N. Sheldon; Secretary, Professor B. C. C. Baly; Treasurer, Mr. W. C. Peck; Registrar, Mr. F. W. Stoyle; Editor, Mr. T. Crosbie Walsh; Trustees, Messrs. Paul Haas, F. Scholefield, C. A. Wylie. A special vote of thanks was accorded to Professor B. C. C. Baly (the retiring registrar). The Presi-DENT stated that the council would continue to have the benefit of Professor Baly's wise counsels in his capacity of secretary.

Birmingham Talk on Biochemistry.-A meeting of the scientific section of the Birmingham Pharmaceutical Association held recently was addressed by Mr. R. Gaddie, B.Sc., Ph.D. (biochemist at the General Hospital, Birmingham) on "Biochemistry in Relation to Pharmacy." The lecturer confined himself to insulin and little known aspects of the biochemistry of vitamins. He outlined the action of insulin in the body, described the method used to standardise insulin preparations, and showed how the dosage of insulin in the treatment of diabetes is controlled by following the changes in the blood sugar level. The changes in the blood sugar level. differences in rate of action between soluble, protamine zinc and globin insulins were illustrated, and it was emphasised that each patient must be separately tested to ensure proper dosage. Passing to the vitamins, the lecturer mentioned some of the dangers of relying on synthetic preparations rather than on natural foods, or concentrates made from natural foods, for daily vitamin intake, and the remote but possible dangers of hypervitaminoses A and D. Experiments were described demonstrating the need for a balanced intake of the vitamins of the B group, too much of one factor possibly precipitating a deficiency of another factor. Then the synthesis of the water-soluble B vitamins by intestinal bacteria was dis-cussed, the speaker stressing the great variation in extent of the synthetic processes in different individuals. A discussion followed in which Messrs. Gunn, Moseley, Clarke, Walsh, Davis, Pownall and Parrish took part. Mr. E. W. Mann, B.Sc., F.R.I.C., proposed a vote of thanks, which was seconded by Mr. F. R. C. Bateson, Ph.C.

LEGAL REPORTS

Theft of Soap.—At Wirral justices' court, Bromborough, on January 21, George McKenna, labourer, Rock Ferry, was fined £5 on a charge of stealing 152 tablets of experimental toilet soap, valued at £2 12s., from the central technical laboratory of Lever Brothers, Ltd., Port Sunlight.

Canadian Trade Mark Expunged.—The Supreme Court of Canada has expunged from the trade marks register Multivims, registered by Battle Pharmaceuticals, Ltd., Toronto, in 1943, on the ground that the word was similar to the trade mark Multivite which had been registered by The British Drug Houses, Ltd., in 1936, to identify a similar preparation.

Overcharges for Combs.—At Blackburn Police Court, on January 11, Shahar Yllan, Upper Parliament Street, Liverpool, was fined a total of £15, with £3 13s. costs, on charges of selling and offering to sell combs at excessive prices, and of not displaying a price list. On similar charges Quimet Shale, Liverpool, was fined £18, with £3 8s. costs, and Jahar Uddin, Chorlton-on-Medlock, was fined a total of £12 3s.

Penal Servitude Sentence.—Committed from Stourbridge, Christopher E. Williams, 24 Collingham Place, London, S.W.5, was sentenced at the Worcestershire Assizes, on January 28, to seven years' penal servitude on a charge of the manslaughter of a woman. Williams qualified as a chemist and druggist in 1920. It was stated that he performed an illegal operation on the woman and that she died a week later. The police reported that Williams had been in business as a chemist and optician in several towns, but the businesses had failed. In 1943 he was sentenced to three years' imprisonment for using an had failed. instrument with intent to procure a miscarriage, and the present offence was committed while he was on licence. Williams pleaded that his prison record had followed him, and he was pestered by people wanting him to do the same sort of thing.

Perfumery Labelling Offence.—At Rochdale, Lancs, police court, on January 23, May Smith, 59 Reynolds Street, Burnley, Lancs, was fined £5, with £3 witness costs, for selling a bottle of perfume at Rochdale Market, on January 4, without having affixed a label giving particulars of the manufacturer or of the person who had repacked the goods. A police officer stated that a number of bottles of perfume displayed for sale did not carry the par-

ticulars required, although they be the title Eve of Paris. A customer aske or a bottle of Evening in Paris and was lided a bottle in a box by defendant and c reed 6s. 6d. A police inspector asked be allowed to examine the purchase. dant admitted that the required part lars were not on the bottle. Pleading lity. defendant declared that, because the Christmas rush, the bottle must hav been The bottles were ser out overlooked. labelled; in the event of a label comi off. she had a box of loose labels at th tall which could be used when a purchas was made. Her employer had an authori ion from the Board of Trade to sell toile preparations at eleven markets. Fle nce Rostron, 28 Myers Street, Burnley, ner of the business, said the bottles of pe me were labelled on the base in order i to disfigure the bottle. During the Chri as rush some bottles were sent out with labels, but an instruction was given la they should be stuck on at the stalls. Venever a purchaser asked for Evening in ris he was told that Eve of Paris was all ev

INQUESTS

Tablets Found by Child.—Tablets escribed for a doctor's wife were discorded and swallowed by his small daughter, vose death was the subject of an inquest by he Hampshire coroner recently. A pathol st said the strychnine contained in the botablets originally contained in the ble did not constitute a fatal dose for an act; the child had probably swallowed six.

Fatal Dose of Camphor.—At an ing at on Mrs. R. Ramm at Southport, n January 14, the verdict was that d h resulted from poisoning by an overdos a camphor. There was nothing to show w Mrs. Ramm, who was found unconscious the street, came to take the camphor, to a physician stated that even a small of camphor could be fatal to a personal a low physical condition.

Fool's Parsley Infusion.—An open dict was returned at Leeds recently Miss Amy Owen, whose death was stated to have been caused by drinking an infus made from the seeds of fool's parsley. pathologist confirmed that the seeds of tained coniine. The coroner said there no evidence to show whether the poi was deliberately administered or taken a possible remedy for an illness.

TOPICAL REFLECTIONS

oise

The contents of the current Ministry of ealth Bulletin are, as is usually the case, varying interest, and to some extent iplicate information obtainable elsewhere; it they are worth selective reading. ction headed "Bad Effects of Noise" 122) introduces a matter that needs. I bmit, more attention than it has hitherto ceived. Whether, on balance, the daily companiment of noise is greater or less at it was fifty or more years ago is hard determine. Against the reduction in iron res and stone-paved roads must be put e increase in the volume of traffic and e addition of transport by air. In midctorian days an expression of irritation used by noise appears to have been usual: Thomas Carlyle and John Leech, en making their protests, were probably arded as hypersensitive mortals endowed h an excess of the artistic temperament. even as cranks. Ordinary people were posed to accept as a law of the universe din to which they were subjected; I ve even seen it argued that delight in se is a sign of normal health. We are oming wiser. In addition to the obvious of deafness, the more insidious danger ermanent neural damage must be taken account. It will not be surprising if, this question receives a more scientific tment, the use of silencers for machinery xtended. An aggressive industrial procan produce discomfort far beyond the ls of the factory where it is carried on.

ase for Reduction

n the course of a recent address in North don (p. 114), Mr. F. G. Wells, referring he work of one of the committees of the I rmaceutical Society's Council, remarked t; its membership "was limited to nine. two ex officio, so that they did not have a ajority vote on the Council." According t he latest Calendar of the Society that I e, eight of the ten general committees one Council consist of nine members each, whethe addition of the president and president. When there is a full attendat a Council meeting, the members of eil of these committees are, of course, in a inority; but transport difficulties or so e other occurrence may at any time so re ce the number of councillors present th any one of these committees may form a ajority over their colleagues. I do not st est that any committee would take at ntage of such a situation to impose a

decision on the Council; any contentious business would in the circumstances, I think, be postponed till all or nearly all of the councillors could attend. My object in calling attention to Mr. Wells's remark is to suggest that when the promised examination of the Society's constitution is made, the size of the Council's committees should receive careful consideration. There seems to be no reason why committee work at Bloomsbury Square should not be done as efficiently by groups of seven members as by larger bodies—adding the president and vice-president to each committee.

A Liverpool Record

At the annual dinner of the Liverpool Chemists' Association and Branch of the Pharmaceutical Society (p. 115) it was pointed out that the Association was one of the oldest of its kind in the country. It is well that we should sometimes be reminded of our indebtedness to those who built up this and kindred societies. On June 4, 1849. Jacob Bell addressed a meeting of Liverpool chemists presided over by Edward Evans, then head of the historic house now known as Evans Medical Supplies, Ltd. Less than three weeks later the Liverpool Chemists' Association was formally constituted. first president was Robert Clay; the list of his successors includes such well-known names as A. C. Abraham, T. F. Abraham, R. Sumner, Charles Symes, Harold Wyatt and H. Humphreys Jones. At the first ordinary meeting a lecture on chloroform -then as topical, probably, as penicillin is to-day—was given by David Waldie, a friend of James Young Simpson, the physician mainly responsible for its popularity as an anæsthetic. This interest in scientific developments was sustained during the ensuing years with the help of such distinguished visitors as Dr. Sheridan Muspratt, Professor Henry Roscoe and Sir William Crookes. A library and a museum were among other ventures. Trade topics were for some years excluded from discussion; in 1875, however, a meeting was called to consider the desirability of having a price list compiled and of looking into other questions of a similar nature. The outcome was the formation of "The Registered Chemists' Association of Liverpool," which after a useful career amalgamated with the older body in 1888. On four occasions the Liverpool Chemists' Association has been host to the British Pharmaceutical Conference. Xrayser.

DEATHS

ATKIN.—Recently, Mr. John Albert Alban Atkin, M.P.S., 243 West End Lane, West Hampstead, London, N.W.6, aged seventywo. Mr. Atkin collapsed and died whilst shopping. For twenty-six years he had served on Hampstead Borough Council, but suffered defeat in the municipal elections in November 1945. This was believed to have preyed on his mind.

Balmford.—On January 12, Mr. John Archibald Balmford, M.P.S., 43 Tontine Street, Folkestone, aged seventy-eight.

Benbow.—At Colwyn Bay, on January 11, Mr. G. T. Benbow, for many years principal of Benbow's Dog Mixture Co., London, E.C.4, a business founded by Mr. G. H. Benbow, a member of the Pharmaceutical Society, in 1835.

CUNNINGHAM.—At St. Laurence's Hospital, Dublin, on January 23, Mr. William G. Cunningham (a member of the Council of the Pharmaceutical Society of Ireland), 3 St. Paul's Terrace, Glenageary, and formerly dispenser at Store Street Dispensary, 'Billie'' Cunningham was Dublin born. He was educated at Belvidere College, and qualified as a Licentiate of the Pharmaceutical Society in August 1923, after several years spent as an apprentice and assistant in Dublin pharmacies. his appointment as official dispenser to the Store Street Dispensary, Mr. Cunningham became keenly interested in the conditions under which pharmacists holding public appointments worked, and was one of the most active members of the Irish Compounders' Association, which has done much to safeguard and improve the status of pharmacists holding dispensary appointments. In 1943 he took up an appointment as official compounder to the Coras Iompair Eireann (Southern Transport Co.'s) new pharmacy for its employees in O'Connell Street, Dublin, a post which he filled up to the time of his death. The late Mr. Cunningham was an unsparing worker for the St. Joseph's Young Priests' Society (pharmacy branch), of which he was president in the current year. He was a keen student of vocationalism, as applied to pharmacy, and had written many articles and delivered several lectures on the subject. He was an ardent Rugby football enthusiast, and at one time played with Bective Rangers. At the funeral on January 25 from the Dominican Church, Dublin, to Dean's Grange Cemetery, the Council of the Pharmaceutical

Society of Ireland was represented by the president (Mr. J. K. Whelehan), Messi P. A. Brady, P. C. Cahill, J. Gleeson, F. Meagher, G. C. O'Neill, C. J. Creme M. Costelloe, and T. C. Scott. The Iric Compounders' Association was represented by Dr. O'Donnell, Messis. D. J. Nugen P. J. Killacky, and Frank MacDonal while the pharmacy branch of the S Joseph's Young Priests' Society was alstrongly represented. Messis. J. K. Darga M. J. O'Rourke, and C. I. Davis we among other friends present.

HEED.—On January 14, after a bri illness, Mr. G. A. Heed, for many yea sales manager of A. Kershaw & Sons, Ltd manufacturers of photographic apparatus

Holton.—On December 25, 1945, M John Charles Holton, M.P.S., Bridge Stree Fakenham, Norfolk, aged seventy-thre A native of Sheffield, Mr Holton went to Fakenham as manager of the pharmac in Bridge Street, subsequently taking over the business and founding the company J. C. Holton, Ltd., of which he was chain man at the time of his death.

Kearney.—At 4 Wilton Hill, Hawic on January 20, Mrs. B. K. D. Kearne wife of Mr. William J. Kearney, M.P.S Station Pharmacy, Hawick.

Lesser.—On January 18, Mr. F. Lesse joint managing director of Borax Consol dated, Ltd., aged seventy-five. Mr. Less had been associated with the company sinc its inception in 1899 and was for a tin general manager in South America. E became a director in 1926 and join managing director the following year.

Melrose.—At Ardmaddy, 13 Larkfiel Road, Gourock, on January 24, Mrs. Jane Heatley Lennox Melrose, widow of the lat Mr. William Melrose, M.P.S., Greenock.

MORGAN.—On December 22, 1945, from injuries caused by his being knocked down by a bicycle, Mr. David Morgan, M.P.S. Dinas Villa, Pencader, Carmarthenshir Mr. Morgan qualified in 1913.

READ.—On January 3, Mr. Eric Lambel Read, M.P.S., 529 Battersea Park Road London, S.W.II, aged forty-six.

ROBERTSON.—Recently, following a roa accident, Mr. Sidney Robertson, M.P.S 2 Duke Street, Bedford. Mr. Robertso qualified in 1898.

THE WEEK IN PARLIAMENT

by a Member of the Press Gallery, House of Commons

HENRY MORRIS-JONES asked the Minister Health on January 22 if he was aware t recent supplies of penicillin made by lish manufacturers had been found atisfactory and inferior to the United tes product and whether he would estigate the matter. MR. BEVAN: I erstand that there have been complaints ut the relative insolubility of some ples of British penicillin, but there have been complaints about some American icillin. Supplies of British penicillin e now greatly improved in quality and ome cases are being asked for in prefere to American.

rtage of Spectacle Lenses

IAJOR MACPHERSON asked the Minister Labour on January 22 what further steps was taking to release additional opticians technicians in optical manufacture in icient numbers to meet the immediate ds of the public for spectacles. Mr. Acs: I am informed that delay in the ply and repair of spectacles is due lost entirely to the shortage of lenses. re labour for lens-making has become ilable recently as a result of the release nen from the Forces in Class A and from nitions industries. In addition, however, angements are now being made to release mall number of ophthalmic lens workers in the Forces in Class B.

ap Ration

The Ministry of Food was urged on uary 23 to increase the soap ration. Gattskell asked the Minister whether view of the hardship and danger to Ith, especially in industrial areas, caused the lack of soap, he would soon be in a ition to increase the ration? Dr. Edith MMERSKILL: I am aware that the public ierally would like more soap, but I ret that owing to the shortage of oils I fats there is no prospect of any early rease in the soap ration.

fence (Services for Industry) Regulations
The Defence (Services for Industry)
gulations of 1945 were inserted in the
nergency Laws Transitional Provisions
I on January 23 at the behest of SIR
AFFORD CRIPPS, President of the Board of
ade. The insertion was made on the
ort stage of the Bill, after it had passed
ough Standing Committee of the House,
I Sir Stafford admitted that the pro-

cedure was unusual. He explained that the regulation under discussion was made for the purpose of enabling the Board of Trade, should it be so desired, after consultation with any particular industry or branch of industry, to make arrangements for securing that there should be co-operative provision within that industry of facilities for research and experiment in matters relating to the manufacture of products in industry; market research and collection and publication of statistics and other matters conducive to increased efficiency. The Board of Trade already had these powers for the export trade, but research could not be separated into home and export trade. They were expecting recommendations from industries regarding what they required in the realm of reconstruction. There might be six, eight or twenty industries, and it would be impossible to pass legislation for each of them. There were definite safeguards in the regula-

For the Opposition, Mr. James Reid declared that this was the old story of the Government asking for wide powers and then saying "of course we are not going to use them." There was no provision for any consultation about the amount of money that was to be raised, the method by which it was to be allocated, who was to be charged or how much was to be charged. There was no appeal for an industrialist who said "I am not concerned with this particular subject." Sir Stafford, he declared, was taking a vast power to himself.

MR. DAVID ECCLES declared that the powers given to the Board of Trade covered research and investigation into matters of an industry. The Board of Trade would have an enormous sum of money with which, if they liked, they could export a million tubes of tooth-paste as samples to South America.

SIR STAFFORD interposed to say that the Board of Trade could not do anything under the Order except raise the levy. All the rest had to be organised by the industry.

Mr. Cobb asked the President of the Board of Trade to be the friend of the small manufacturer in operating this Order. Trade associations were not always very democratic, he said.

Conservatives divided against the Order, but were defeated by 276 votes to 145.

COMPANY NEWS

Jacksons Chemists (Coventry), Ltd. (P.C.).—Capital £2,000. Chemists, druggists, etc. Henry B. Jackson and Edmund N. Liggins, directors. R.O.: Conduit Yard, Fleet Street, Coventry.

METOREX, LTD. (P.C.).—Capital £100. Manufacturers of and dealers in cosmetics, fancy goods, etc. Directors are to be appointed. R.O.: Cliffords Inn, Fleet Street, London, E.C.4.

Herbert Lawrence & Co., Ltd. (P.C.).
—Capital £100. Manufacturers and importers of and dealers in glues, adhesives, chemicals, drugs, etc. Herbert Blau and Laurence Leslie-Smith, directors. R.O.: 300 Kingston Road, London, S.W.19.

Bracewells (Chemists), Ltd.—(P.C.).—Capital £500. To acquire the business of a chemist and druggist carried on by Percy Tymms at Market Square, South Petherton, Somerset. Levi Bracewell and Dorothy Bracewell, M.P.S., directors. R.O.: As above.

LANA BEAUTY PRODUCTS, LTD.—Capital £100. To acquire the business of a dealer in cosmetics and toilet requisites carried on by Gershon Teacher at 36–38 Southampton Street, London, W.C.2. Gershon Teacher, director. R.O.: 20 Windlesham Gardens, Brighton.

KAYMOR (CHEMISTS), LTD. (P.C.).—Capital £500. Importers and manufacturers of and dealers in pharmaceutical and toilet goods, etc. Murdoch M. Morrison, M.P.S., James R. Winning and James A. Mowatt, directors. R.O.: 11 Bothwell Street, Glasgow, C.2.

EMRYS EVANS (CANTON), LTD. (P.C.).—Capital £2,500. To acquire the business of a chemist carried on by David L. E. Evans at 106 Cowbridge Road, Cardiff. David L. E. Evans, M.P.S., and Gilbert R. Roberts, M.P.S., directors. R.O.: Victoria Square, Aberdare.

ARNOLD NEAVE, LTD. (P.C.).—Capital £2,000. To acquire the business of chemists carried on by Messrs. Checkley & Neave as "Andrews" at Hitchin. Clifford Arnold Neave, M.P.S., Kathleen E. Neave and Dorothy Checkley, directors. R.O.: 14 Brand Street, Hitchin, Herts.

PAULINE (ILFORD), LTD. (P.C.).—Capital £500. To acquire the business of a dealer in chemists' sundries and toilet and household requisites carried on by P. Aubrey. Polly Bernard and Robert Goldber, g

directors. R.O.: Second Avenue, Picer Market, Ilford Lane, Ilford, Essex.

S. P. FARNWORTH (CHEMISTS), D. (P.C.).—Capital £1,000. To acquire 1e business of a chemist and druggist can business of a chemistry of a chem

Newton Drug & Chemical Co., (P.C.).—Capital £500. Manufacturers of dealers in galenicals, packed pharma iticals, toilet goods, cosmetics, etc. H 2. A Chapman, J. G. W. Yager, M.P.S., despending the control of the con

R. Dalton, Ltd. (P.C.).—Capital £3 To acquire the business of a chemist was carried on by Marjorie K. Dalton and merly by the late Reginald Dalton at 8 Military Road, Colchester, as "G. Hales (R. Dalton, M.P.S.)." Marjorie Later and Donald McArthur, direct R.O.: As above.

Monsanto Chemicals, Ltd.—Mr. Edv d & A. O'Neal has been appointed to the b d as deputy managing director. Mr. O' d has been associated with the Mons o Chemical Co., of St. Louis, Missouri, U.S. since 1926.

LENNARD, LEE-NARVILL & Co., LT—Two additional directors have been appoid to the board. At a meeting on January, Mr. Jack Lennard, governing director, Mr. Eric Lennard welcomed Mr. Syc Burnley, M.P.S., as chief chemist and Leslie Levy as area sales represental Captain A. A. M. Ohlson becomes secret

MIDLAND BANK, LTD.—Directors rethat, after appropriation to conting accounts, net profit for 1945 amount £2,056,274 which, with £708,414 brothorward, makes £2,764,688, out of which following appropriations, amounting £1,406,345, have been made: Interdividend, already paid, £606,345; restund, £700,000; bank premises accothorous floo,000; leaving £1,358,343 from with directors recommend a dividend for half-year ended December 31, 1945 at 8 cent. actual (1s. 7½d. per £1 of share cap paid up), less income tax, £606,345; car forward, £751,998.

Woodlands Chemists, Ltd.— liquidator reports the payment of a and final dividend of 8s. rd. in the f.

TRADE NOTES

st-aid Dressings.—Elto (Chemists) Pros, Ltd., 81-83 Oxford Street, Glasgow, are offering Eltoband, B.P.C. quality aid dressings in packets, each containhree assorted sizes. Samples and prices be sent to chemists on request.

ghting Advisory Service.—Pharmacists have under consideration installation or rewal of lighting are invited to comicate with the Lighting Advisory ice of the British Thomson-Houston Co., L. Bridal Path, Watford.

pplies Held Up.—Owing to a shortage of ottles, supplies of Domestos cleanser a disinfectant are temporarily held up. makers, Domestos, Ltd., College Works, bastle-on-Tyne, hope that ample supplied will be available to retailers in the near the college will be available to retailers in the college will be available to retailers in

nite Scour Vaccine.—A leaflet dealing the uses and doses of white scour vene (Evans) has been issued by the is Biological Institute for Evans Mediaccupplies, Ltd., Speke, Liverpool, 19. Ces of the leaflet may be had on application to the manufacturers.

uiries Direct.—W. B. Cartwright Ltd., ion, Leeds, regret to inform customers ast Anglia, parts of London, and the Coast, of the death of their repretive, Mr. A. Holmes. They request mers upon whom Mr. Holmes called all orders and inquiries direct to the contract of the

oklet on Indian Markets.—Lloyds, Ltd., 71 Lombard Street, London, have issued a booklet under the title Post-war Markets in India." The et deals with India's financial outlook, nt trade position and available purng power, and includes notes on the al and consumer goods likely to be red by India in the post-war years.

fumery Manufacture Resumed.—A. T. y & Co., manufacturing chemists, recat Russell Street, London, W.C.I, recently obtained a Board of Trade e for the manufacture of perfumery, goods, cosmetics and soaps and are a ahead with plans for manufacture for home and export markets. The any's works are at Bedford.

onge Shortage.—In sending New Year ings to their customers through an incement in the C. & D. recently, in well Brothers & Marks, 17-2r Emerald by, Holborn, London, W.C.I, asked for in 2r patience from customers, to whom they are unable, at present, to offer adequate supplies of sponges, though making strenuous efforts to increase available stocks.

Moisture-free Sealing.—Industrial Tapes, Ltd., 92-94 Newman Street, London, W.I, state that Industria plain transparent or coloured tape sealing gives protection, enhances appearance and simplifies packaging and sealing work. The material sticks without moisture on glass, paper, wood or metal. Further particulars will be sent on application to the company's department C.D.2.

Change of Trade Mark.—It is announced by T. J. Smith & Nephew, Ltd., Hull, that from April I the company's Cellona bandages should be ordered as Gypsona. Under the latter name they have been marketed during the war in non-British territories and it has been decided that the product should have a universal trade mark. Quantities and properties of the product are unchanged.

Gold Products in Arthritis.—A booklet dealing with the use of gold products in arthritis and other conditions has been published by the Crookes Laboratories (British Colloids, Ltd.), Gorst Road, Park Royal, London, N.W.10. The booklet comprises 12 pages and contains a bibliography and list of packings to which has been added, since publication, Collosol aurocalcium ampoules in 10-mgm., 25-mgm. and 50-mgm. sizes.

Hair Cream Supplies.—Ross Universals announce that they are now manufacturing controlled toilet preparations at the company's premises at 58 High Road, Chiswick, London, W.4, following the issue to one of their directors (Mr. Gordon Francis Sprank) of a licence under the Toilet Preparations (No. 3) Order, 1943. For the time being manufacturing facilities are being concentrated on the preparation of a high-class brilliantine and hair creams.

Dieticians' Register.—A second edition of the National Register of Dieticians has been issued by the Board of Registration of Medical Auxiliaries, British Medical Association House, Tavistock Square, London, W.C.I, the basis of admission to the list being membership of the qualifying body, the British Dietetic Association, 342 Abbey House, Victoria Street, London, S.W.I. A copy of the list will be sent free to any pharmacist likely to find the register of value in his dealings with medical men.

BUSINESS CHANGES

STOURBRIDGE DISPENSARY is shortly closing down after 113 years of existence.

MR. MILTON THOMAS reopened, on January 14, the pharmacy at 153 Briercliffe Road, Burnley, Lancs., formerly carried on by Mr. H. Whalley, M.P.S.

Mr. R. Peck has resigned his office as managing director of May Roberts & Co., Ltd., 47 Stamford Hill, London, N.16, after nearly forty-three years' service with the



company. He was engaged by the late Mr. Samuel Roberts in 1903 at the age of thirteen, was appointed a director of the company in 1931 and became managing director in When the 1939. premises of the company were totally destroyed in December 1940 he was responsible for

re-establishing the business at the present address at Stamford Hill. Mr. Peck has been honorary secretary of the Wholesale Druggists' Sundries & Proprietaries Association since 1921, and honorary treasurer of the Chemists' Friends Association since the formation of the present Council. He was elected president of the Proprietary Articles Trade Association. Mr. Peck wishes to thank his many friends in the trade for the kindness, courtesy and support extended to him and the company during the many years of his association.

Mr. R. G. Tremlett, M.P.S., has taken over the business of Mr. H. E. Mecoy, M.P.S., Winter Road, Southsea, Hants, upon the latter's retirement from business.

Mr. F. A. A. Jones, M.P.S., Kirkstall, Leeds, has acquired the business of J. & G. W. Hayes, 25-27 New Briggate, Leeds. Mr. F. Hayes and Mr. J. Hayes, M.P.S., are retiring after an association with the business lasting over fifty years.

MR: H. GRAHAM ARMISTEAD, 344 Washway Road, Sale (telephone: Sale 4595) has been appointed North of England representative of THE CHEMIST AND DRUGGIST. Mr. Armistead is well known in the Lancashire area, having represented the Chas. H. Phillips Chemical Co. there since 1932.

PERSONALITIES

ALDERMAN C. A. CRITCHLEY, J.P., P Mayor of Blackburn, completed two y aseven years' unbroken service on the town council on January 30.

Professor A. R. Todd (Professor of Organic Chemistry, Cambridge) has appointed to the Colonial Products Rese h Council in place of Professor Sir Rc tt Robinson, who has resigned.

MR. C. T. WHARTON retired on Decer 31, 1945, after fifty-three years' sen with Thomas Kerfoot & Co., Ltd., Bard 7, Lancs. In token of the esteem in whe he was held by his colleagues, a dwatch and wireless set were presented in the him on their behalf by the compy secretary.

COMING EVENTS

Wednesday, February 6

BEDFORDSHIRE BRANCH, PHARMACEUTICAL CIETY. Visit to the works of Roche Prod 3, Ltd., Welwyn Garden City, Herts (for L and district members).

BIRMINGHAM SECTION, BRITISH ASSOCIAN OF CHEMISTS, Chamber of Commerce, 8 Street, Birmingham, at 6.30 p.m. Mr. F./. Wadsworth, F.R.S., on "Insect Pests and e Food Chemist."

Thursday, February 7

CHEMICAL SOCIETY, Burlington House, Pdilly, London, W.I, at 5 p.m. Drs. F. F. Curd and F. L. Rose on "Synthetic Amalarials"; Professor H. L. Riley a "Amorphous Carbon" and Dr. C. Shoppee on "The Reconversion of D-heandrostane Compounds to Derivative Allo Pregnane."

St. Helens Section, British Association Chemists, Y.M.C.A. Buildings, St. Helen to p.m. Dr. Abraham on "Chemistry Cancer."

Newcastle District and Northumberl Branch. Pharmaceutical Society, Cr 1 Hotel, Clayton Street, Newcastle, at 7.15 Film show.

Friday, February 8

Guild of Public Pharmacists, Lec theatre, 17 Bloomsbury Square, Lond W.C.r., at 7 p.m. Professor H. Berry "The Evaluation of Commercial D fectants."

OXFORDSHIRE PHARMACEUTICAL ASSOCIAT Town Hall, Oxford, at 7.30 p.m. Mr. D Ardley, "The Sulphonamides and Penicill

NORTH LONDON PHARMACEUTICAL ASSOCIAT and NORTH METROPOLITAN BRANCH, Pr MACEUTICAL SOCIETY, Beale's Restaur Holloway Road, London, N.7, at 7.30 I Dr. Stephen Taylor, M.P., on "Labo Plans for a National Health Service."

IET, RECREATION AND HEALTH IN INDUSTRY

REPORT recently published by the Ling vsical Education Association and formthe fourth part of an interim report by Research Board for the Correlation of dical Science and Physical Education, vers a wide range from nutrition and diet job-selection and rehabilitation. Many the facts recorded within its eighty-eight res have been published elsewhere, but value of the work lies in bringing them o close association with one another so at their bearing on the subject as a whole to be properly assessed. The chapter adings (Nutrition and diet; job analysis, specification, vocational selection, vocanal guidance; recreation; occupational alth services; rehabilitation; young rsons in industry; and women in instry) give a sufficient indication of the ppe of the report and attention focuses ncipally on the recommendations, imrtant among which are the following:-

trition and Diet

The report urges that provision for gular meals in works canteens should be de general. Employers should introduce ractive surroundings into canteens and e as attractive a service as possible. very support should be extended to bodies vestigating dietetic values and the connt of adequate meals for workers, with ther investigations into the special diets workers suffering from digestive dis-Closer co-operation between docrs, hospital dieticians and canteen maners should be fostered, and research ould be undertaken into the effect of ack and heavy midday and evening meals. standard of registration is recommended r dieticians employed in factory canteens.

cational Guidance

During the war immense progress has en made in the fighting services in applyg tests to secure that suitable selections e made to fill vacant positions. The port recommends that the procedures opted, together with development of ne and motion studies of jobs, should be plied in industry in order to eliminate scomfort and wasted energy. This would turn necessitate a considerable increase the number of industrial medical officers, ychologists, welfare officers and physical ucationists. More co-ordination should effected between organisations making special study of and advising on job alysis.

More research, the report states, is needed into physical education in industry, particularly with regard to relaxation, remedial exercises, physical compensation and training in correct and economical movement. Work carried out by the Central Council of Physical Recreation in this connexion is acknowledged, and the suggestion is made that further work by the Council might be grant-aided. Appropriate Government departments should encourage suitable businesses to employ trained leaders of physical recreation, whose training could be undertaken by local education authorities and the C.C.P.R. The provision of holidays for industrial workers should be made the subject of further investigation.

Occupational Health

An important recommendation in the report is that an industrial health service should be planned as an integral part of the National Health Service; it should be a co-operative undertaking with full support from both managements and workers. Wherever possible pre-employment medical examinations should be held with a view to placing a worker in the task most suited to his or her physical capabilities, instead of ejecting him or her as unfit. Rehabilitation shops and special centres should be extended, and experimental polyclinics established in industry, although employers should not be expected to subsidise such services other than by allowing employees to attend during working hours. ledge given by Government departments concerned with occupational health should be published in popular form.

Rehabilitation

In any scheme of rehabilitation, surgeons, physicians, psychiatrists, nurses, physiotherapists, physical educationists, education officers, almoners, welfare supervisors, Ministry officials, training-centre authorities and instructors, trade union officials, employers and patients themselves should work together as a team. Rehabilitation should be made applicable to all conditions in which there is loss of function, and closer liaison should be established between authorities responsible for medical rehabilitation and industrial resettlement.

Copies of the report will be sent free of charge to any industrialist. Application should be made to the Association at Hamilton House, Bidborough Street, London, W.C.1.

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17 S

SIR THOMAS BROWNE PRESCRIBES

by Adest

N article in the Annual Special Issue of THE CHEMIST AND DRUGGIST for 1923 agave an account of Sir Thomas Browne as a physician, with examples of his prescriptions. The anonymous writer made his selection from manuscripts in the British Museum: this was wise, for the "standard" collection of Browne's letters at that date was contained in Simon Wilkin's edition of the works, published in 1836, and Wilkin took liberties not compatible with exact scholarship. In recent years the sumptuous edition of Dr. Geoffrey Keynes has appeared, with 232 letters and a few other items as the contents of its sixth volume. Students of pharmaceutical history who intend to analyse Sir Thomas Browne's prescriptions will need to consult some of the original manuscripts-not all of which are in the British Museum-in order to transcribe a few missing or doubtful words to their satisfaction; but for other readers the present scholarly version will be found amply sufficient. The letters are arranged under the names of the people to whom they were sent; the recipients include Browne's sons Edward and Thomas, Sir Kenelm Digby, John Evelyn, Elias Ashmole, William Lilly, Sir William Dugdale and Dr. Christopher Merrett. The majority of the letters are addressed to Edward Browne. who graduated M.B. at Cambridge in 1663, and with a Continental tour intervening took the degree of M.D. at Oxford in 1667, thirty years after his father had received the same distinction. In 1672 he set up a practice in London; he was elected president of the Royal College of Physicians in 1704, and held that office till his death in 1708. Several obvious gaps occur in the correspondence; we must think ourselves fortunate that so much of it has been preserved.

Full Directions

On looking through the prescriptions found in this volume, one is struck by the fullness of the directions for using the medicaments, for diet and for general care of health. It may be remembered that Edward Browne was in frequent communication with his father about patients who went from Norwich to London or in the reverse direction (Norwich was relatively a more important city in the seventeenth century than it is in the twentieth), and that he relied on the older physician's

experience for much help in diagnosis a treatment. As far as the evidence of the prescriptions takes us, Sir Thomas selde used a preparation of the Pharmacopa Londinensis, and then usually as one several ingredients. Thus, from Letter (addressed to Edward Browne, we learn th "a composition of syrupes which pur handsomely" consisted of four syrups wi a small proportion of cinnamon wat added: two of the syrups were official, as for the first of these the prescriber gave t page reference, so that there might be a mistake. A practical knowledge of pha macy may be inferred from such prescri tions as that of a hydromel in Letter 3 this elaborate galenical had to ferment ar then to stand "about x dayes." Browne qualified approval of cinchona, introduce into Europe after he had begun to practis did not prevent him from ordering it fair regularly; and in two letters in 1680 h expressed concern about the stocks in the country. With something of a shock th reader finds that so acute an observer "fe for" the sympathetic powder associate with the name of Sir Kenelm Digby (se "Chronicles of Pharmacy," I. 195), espec ally as Sir Thomas was a critical studer of the old and the new, and on at least on occasion pointed out a misstatement of Aristotle's. Yet it is on record in Letter 118 . . . I have found the pulvis sympathet cus very successeful, shee [the patient bleeding upon it and wrapping some of i in a double or trebble cloath and keepin it about her.'

A Busy Consultant

As a consultant Browne was kept busy we find that he was sometimes unable t comply with a request for his services o had to keep a correspondent on non medical subjects waiting for a reply. On of his occasional engagements was to certify the fitness of patients to be touched by Charles II for the king's evil; in 1679, fo instance. he wrote to Edward: "Hi instance, he wrote to Edward: majestie commeth this day to Newmarket [i.e. for the races] & I shall have occasion to . . . send certificates for the evell for divers." Two of the documents in the bool attest that the Bishop of Norwich was unable to visit London without serious risk to health. A remarkable feature of the letters is that to the end of his long life Browne was extending the range of his one opædic knowledge, raising fresh quescol as well as answering old ones. To
col rd in Vienna, in 1669, he wrote more
abnce asking for specimens of various
be cals; in one of these missives he
de: "butt how you should send them I
be ot; sure not by the post in respect of
lea lesse & hazard to bee lost." He
de d sending bulky parcels by "some
ne ands" through Amsterdam, and putin mall samples into a "portmantell."
Tather and son contributed to the
lion of "Natural and Artificial Rariles made by the Royal Society. Everyhir seems to have had an interest for

Sir Thomas, from the investment of money to the colouring of finger-nails; and it is clear that on such subjects as archæology and comparative anatomy his opinion was widely sought and valued. One long letter was devoted to a discussion of the meaning of the Latin verb "emunire," about which a learned correspondent had consulted him. As mentioned in the C. & D. article referred to, the catalogue of the sale of his library extended to fifty-eight closely printed pages. His combination of erudition, scientific attainment and literary genius has given Sir Thomas Browne a prominent place of his own in history.

RECENT RESEARCH

(um Oxide as Lens Polish.—"Chemical in Engineering News" (1945. II. 1358) seps that cerium oxide is being used as a fabrasive for polishing optical glass. In the insolubility and cleanliness give it in that advantages over rouge, but its its at present high.

I posed Glycocoll Formula.—The Comnit of the National Formulary of the In 1 States has tentatively proposed the oll ing formula for aminoacetic acid

	innoacetic acid 131'5
	aspberry syrup 75.0
	7rup 60.0
	lcohol 53°0
	enzoic acid 2.0
	ompound orange spirit 1.5
	anillin 0.15
	istilled water, q. s. ad 1000.0
1	solve the aminoacetic acid in 700 c.c.
of .	tilled water; add the syrup and the
ras	erry syrup and mix well. Dissolve
the	enzoic acid in the alcohol and the

out pund orange spirit; add to the previout prepared mixture. Filter, if necessar and add sufficient distilled water to

ma 1000 c.c.

nphor from U.S. Plantations.—Experime al plantings from camphor (O um kilimandscharicum) made Ar gton Farm, Virginia, and Beltsville, Ma land, U.S.A., are described by Lowman an Kelly in the "Journal of the American Ph maceutical Association" (1945. I. 153). Tholant requires about ninety days from see to flowering stages and 120 or more da in which to mature the seed; it is a inial but does not survive freezing tei eratures. Distillation of the fresh ring herb yielded 0.5 to 1 per cent. which included the camphor. ca lated yields from small experimental plots ranged from 100 to more than 300 lb. camphor-and-oil mixture per acre. The semi-solid mixture contained 50 to 70 per cent. camphor, which was easily separated from the oil by repeated cooling and centrifuging. The physical and chemical constants of the product agreed closely with those of commercial natural camphor.

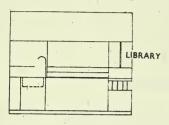
Protective Ointment against Sunburn.— The laboratory of the American Pharmaceutical Association has put forward the following formula for a protective ointment against sunburn. The formula is based on careful selection (determined by absorption spectra) of agents that either reflect or screen out the sunburn spectra. The preparation has an oil-in-water base.

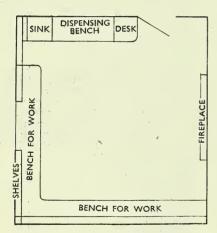
Phenyl salicylate			5.0
Ethyl aminobenzoate			2.0
Titanium dioxide			1.0
Neocalamine			1.0
Yellow ferric oxide			0.1
Coumarin			0.1
White wax			2.0
Triethanolamine			0.2
Stearyl alcohol			8.0
Stearic acid			2.0
Glycerin			10.0
Distilled water, q. s.	ad	•	100.0
Distribut water, quar		3.4	

Place the triethanolamine and the stearsc acid in a 250-c.c. beaker and heat together on a water bath for ten minutes. Add the white wax and the stearyl alcohol and melt completely. Add the phenyl salicylate, ethyl aminobenzoate and coumarin. After all the ingredients have completely melted, add the titanium dioxide, neocalamine and yellow ferric oxide in a fine state of divison and mix well. Heat the distilled water and glycerin together to about 70° C., and then add to the other ingredients with constant stirring. Continue the stirring until the emulsion forms and has an ointment-like consistency.

ARRANGING A SPARE ROOM AS DISPENSA

HEN a small pharmaceutical business outgrows its existing floor space it is sometimes possible to remove the dispensary to a back room, possibly used previously as a store-room. Such a problem was recently put to the writer. In this instance the room did not open directly into



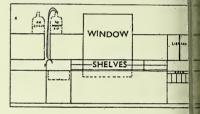


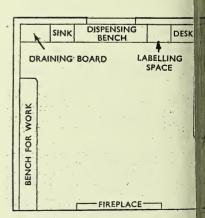
the shop, and there were no advantages to be extracted from it as a showpiece; short of taking customers through and demonstrating in what a roomy and modern dispensary their medicines were prepared.

In the circumstances, convenience was the principal consideration. An existing fireplace was left untouched. The door, near to one end of one of the shorter sides of the room, opened towards this, and to have placed a bench along the fireplace wall might have made entry and exit more difficult. It would certainly have interfered with the heating arrangements of the room. Water was already laid on at the side remote from the fireplace, which also included a window. Two alternative arrangements, each with certain advantages, suggested themselves.

The first, with the dispensing bench in the door and sink in the corner (i.e. at the wall where plumbing was alread to found), would result in the pharmaci hat the nearest point to the door moment of finishing the labelling bettion, with obvious saving of time in a mixture through to the shop.

The other arrangement considered is place the dispensing bench bence window. Here speed of movement by dispensary and shop was sacrifice the gains were a longer bench, ma natural light on the dispensing ope in and more central placing of the phale in relation to the shelves and cupbos the other two sides of the room. I was arrangements the centre of the room.





left vacant, although there was enough for a central fixture, both reasons of free movement and to derive benefit in winter from the heating arrownents. Each layout is capable of incomments. Each layout is capable of incomments at incomments are dispensively as the contributors to The Children Presented by contributors to The Children AND DRUGGIST, 1944. II. 437 and 459.

RETAIL SUPPLIES IN SOUTH AFRICA

TGH control of medical and photoat requisites was lifted officially in
a Africa at the end of October 1945,
at the and druggists supplying photoat materials have had to maintain
by "rationing" system because of
nued shortage. The lack is attributed
but shortages in England, to shipping
and to shortages of shipping space.
but photographers will probably have
to for some time before they can get
but so of paper and film in any quantity

at k for Toilet Goods

foresight shown by a number and American manufacturers of of tary toilet preparations in setting ir own factories in South Africa, or al suitable arrangements for local to tion of their products, before the during its early stages, ensured that at tems in public demand were supplied hi otherwise might have been com-let off the market. Most proprietaries er still being "rationed" towards the os of 1945, but the tendency was then rely for quotas to improve, and there as iso a considerable improvement in a cing. "Austerity" packing was being in ated, and cardboard and paper s were giving way to jars and tins, at d tins to collapsible tubes. The glassm ner position appeared to be easing, d ithdrawal of the bottle-for-bottle and in Isory-deposit systems was noted it elief. Shaving creams remained in supply throughout the year, and ble quotas in tubes filled only part of e mand. The tooth-paste tube position a sier. Toilet soaps have been in full during the war period, and only ent weeks has there been any suggesdifficulty of supply of soaps generally. however, restrictions apply only to ury soaps, and are likely to be temnely poor tooth-powders, pastes and reparations were put on the market, v virtually only a memory, though a one, and some fine ranges of locally toilet preparations have entrenched elves. Supported by steady national tising, most of these should be a er anent feature of the post-war toilet Makers are suffering from a shortage cy bottles and, with import controls -famous British makers, for whose chemists await shipments from projects there is an unsatisfied demand.

In sundries, the principal bottleneck has been in babies' feeding-bottles which, although now available, have lacked adequate rubber teats. All rubber supplies have naturally been difficult. Teats, valves and hot-water bottles are only trickling in, and orders for considerable quantities are outstanding. Talcum powders are plentiful. Razor-blades, despite all fears and the need to resist would-be hoarders, have remained available, though a shopping hunt has sometimes been necessary to gather enough to cover a long holiday. Razors have been Surgical dressings and sundries have remained in relatively free supply throughout. Unlike conditions during the war of 1914-18, cotton-wool suppliesboth Union-made and imported-have been unrestricted, and bandages and lints were never scarce for long. Clinical ther-There are full mometers were plentiful. supplies, too, of tooth-brushes at various prices, including several brands made from Nylon. There is little in the way of good English beaver shaving-brushes, and hairbrushes have been very scarce. Even those which are available fall far short in quality. Nail-brushes are also difficult to find.

Demand for Imported Brands

Sanitary towels are made in the Union in several places, but there is a persistent demand for branded imported lines. action of one or two unscrupulous makers in turning out worthless articles had made consumers shy of South African brands in Manicure sets are completely absent, and even nail files and cuticle scissors are scarcely to be seen. Of the more popular medicines there is a wide range and, although there are a few absentees, the items not forthcoming are not at once obvious. There are the usual Dutch medicines, the better-known ointments in tins or jars, and the handy packets of drugs and household chemicals. Α number of these is being manufactured, as well as packed, in the Union. A sadly missed absentee is olive oil, which is. completely now off the market, though only in recent months. The more popular tablets, made by one or other of the large manufacturing chemists in the Dominion, appear to give every satisfaction to consumers. The standard proprietaries, are, for the most part, not displayed, because supplies were rationed. Most items are said to be coming in sufficiently to satisfy a reasonable part of current demand.



Messrs. Pedley, VV. J. Dissett and P. Varley.



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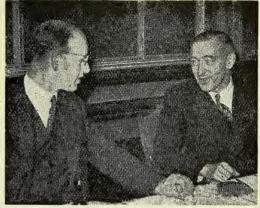
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T THE CF

London, January 23



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TRAFFIC IN DANGEROUS DRUGS

A report by the Government of Great Britain and Northern Ireland on the traffic in opium and other dangerous drugs for the year 1944 has been issued. The report states, inter alia, that notwithstanding the strain under which the civilian population of the United Kingdom has lived during the greater part of the past six years, it is satisfactory to report that drug addiction, never prevalent in time of peace, has shown no noteworthy increase under war conditions. The number of persons known to the Central Office during 1944 as being addicted to narcotics was 559, an increase of eighteen as compared with the previous year. Of the total, 285 were men and 274 women. Addicts among the professional classes were: Doctors, 87; dentists, 2; pharmacists, 3; and veterinary surgeons, I. Among these classes, the preponderance of doctors is not surprising, the report states, since, of all professional people, members of the medical profession have easiest access to drugs. When it is remembered, however, that, during the war years, doctors have been called upon to perform arduous duties during long hours, it is particularly gratifying to note that addicts in this class showed an increase of only five, as compared with the figure for 1943. As in previous years, the principal drugs of addiction were morphine, diacetylmorphine and cocaine, and in 95 per cent. of cases only a single drug was used. During the year, six members of the medical profession, ten pharmacists and four nurses were convicted of offences against the Dangerous Drugs Acts, and the authorisation to possess and supply dangerous drugs was withdrawn in the cases of three medical practitioners, two of whom practiced in Northern Ireland.

Illicit Traffic in Opium

Seizures of opium on account of illicit import during 1944 showed a remarkable increase over those for the previous year and amounted to 169.9 kilos, as compared with 76.6 kilos in 1943, but it has not been possible to discover any indication of illicit traffic on organised lines. It was indicated in the report for 1943, that the increase in the quantities of opium seized is directly due to the influx of Chinese seamen into the United Kingdom to meet war-time shipping requirements. The total quantity of substances seized during the year was: Rawopium, 32.85 kilos, and prepared opium, 316.84 kilos.

During the year under review elev unregistered veterinary practitioners w licensed to be in possession of cert dangerous drugs for use in the treatment animals. Seventy-six persons in charge private dispensaries were licensed to be possession of one or more drugs for purpose of the medical treatment requi by persons attending the dispensary. F persons were licensed to be in possession morphine salts in ampoules as part of equipment of ambulance services ma tained by local authorities. Two schools pharmacy were licensed to be in possess: of certain dangerous drugs for the purpo of instruction of the students thereat.

Licences for Research

Twelve persons were licensed to poss various drugs for analytical research wor One person was licensed to be in possessi of specimens of certain of the drugs. T persons were licensed to possess certa drugs for the purpose of manufacturi medicines required in the treatment animals, and twenty-one persons we licensed to possess one or more of the dru for the purpose of manufacturing pate and special medicines. There were I wholesalers licensed to deal in one or mo of the drugs, fifteen persons licensed merchants and ten persons as brokers respect of one or more of the drugs. To wholesale chemists were licensed to supp their own retail shops. Five druggist sundriesmen were licensed to handle dru in sealed containers but were not allow to break bulk. Ten persons or firms we licensed to manufacture dental anæsthetic Twelve dental companies were licensed supply anæsthetics to branch practice Four persons engaged as chemists' transf agents and liquidators were licensed dispose of dangerous drugs involved in suc transactions. Fourteen Red Cross ar similar organisations, and foreign Goverment departments temporarily in the United Kingdom, were licensed to supp dangerous drugs. No person in this countr has been authorised to possess or suppl benzoylmorphine or the esters of morphin (other than diacetylmorphine).

The report also deals with such aspec as the control of international trade, intenational co-operation and manufacture drugs (giving the names of licensed manufacturers). Over thirty tables are appende to the report, which is issued by the Hom Office.

ADVICE ON LABELLING BRITISH WINES

HILE a legal interpretation of the Order R. & O. 1945, No. 1445), recently made amend the Labelling of Food (No. 2) der, 1944 (C. & D. December 22, 1945, 683) can be given only by a Court, the nistry of Food, in response to inquiries, s issued the following advice as to the belling of British wines :-

(1) Three main questions have been First, how to comply with the ked. uirement that an appropriate designan of the product must appear on the By this is meant "a name or scription, being a specific name or descripn, calculated to indicate to a prospective rchaser the true nature of the product.", (2) In the opinion of the Ministry, this

uirement may be met in one of the lowing ways :-

(a) By an appropriate description (e.g., singer wine, orange wine, apple wine, elderberry wine) which in general is applicable only o British wine and not to imported wines

see also paragraph 5 below).

(b) In the case of a product derived ex-lusively from grapes—(i) Where the word 'wine" is not included in the title of the word "British" in type of at least equal size, sg. "British sherry," "British vermouth"; ii) where the word "wine" is included in he title of the product, by prefacing the lescription as in (i) and where the main title s "British wine" adding an indication of he flavour; e.g. "British ruby wine"; "British wine "herry type"; "British wine—port type" all words used to indicate flavour must be n the same size type which must not be greater than that used in the description which precedes it); (iii) by the inclusion of the statement "A British wine" printed in bold legible type and appearing conspicuously and in a prominent position on the label.

(3) It will be noted that even in the case a product derived from grapes, wherever, cept as at 2 (a) above, the word "wine" pears on the label, it should be prefaced the same size type by the word "British." irthermore, nothing in the above paraaph must be taken as indicating approval

a description which may contravene

her statutory requirements.

(4) The provision of the Order prohibiting e use of any name or words indicative of imported wine, unless the product is rived exclusively from grapes, does not any way authorise the labelling of a ritish wine derived from grapes in a misading manner which would suggest that is an imported wine.

- (5) It should be noted that the word "wine" must not be used to describe a product derived from fruit other than grapes unless that word is immediately preceded by a word or words accurately specifying the description of the fruit or fruit product used.
- (6) The second question relates to the manner of completing the declaration of fruit basis. This should be done by inserting a word or words accurately specifying the description of fruit or fruit products as used by the manufacturer of the liquor. The words "grape" or "grapes" should not be used to describe the basis of a product which, though derived from grapes, is made from imported grape juice or dried vinous The Ministry, however, considers fruits. the description "grape juice" as synony-mous with "grape must" to describe concentrated grape juice, and it will regard the use of the phrase "dried grapes" as accurately describing any dried vinous fruit.
- (7) The third question is whether the statements required by the Order must be incorporated in the main label. In the view of the Ministry they should be so incorporated, but, as a temporary expedient, pending the designing and printing of new labels, they may be incorporated in a supplementary label fixed either immediately above or below an existing main label which does not in any other respect contravene the Order or the Defence (Sale of Food) Regulations, 1943. It should be noted that the statements must be clearly legible and displayed conspicuously.
- (8) The Ministry of Food is prepared to advise manufacturers and bottlers of British wines, and of spirit and spirituous mixtures the alcoholic strength of which is not more than 40 per cent. of proof spirit, as to the labelling of their products. Three copies of the proposed labels should be sent to the Standards and Labelling Division, Ministry of Food, 28 Lancaster Gate, London, W.2, together with a statement, which will be regarded as confidential, indicating the ingredients used and the method of preparing the product.
- (9) The distributive trade is reminded that after February 1, 1946, it is an offence to have in possession for sale otherwise than by retail, or to sell otherwise than by retail, any intoxicating liquor which does not comply with the Order and that all such incompletely labelled products must not be sold by retail after April 1, 1946.

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OL XLV FEBRUARY 2, 1946

NO. 3443

Nation-wide Insurance

In indertaking to bring in a compree scheme of social insurance was made y late Coalition Government, and an ut of its proposals was given in a Paper published in September 1944. o important extent the proposals have ee taken over by the present Governand embodied in the National Insuring 3ill, 1946, the text of which has just ee ssued (see p. 151). In a number of the see sued in the rates of benefit originally or ed.

I Bill provides for monetary benefits available in certain eventualities to rabally every citizen of Great Britain out of Northern Ireland). Sickness, unmy yment, maternity, widowhood, guardof an orphaned child, retirement nd eath are the contingencies provided or, ad the scheme is contributory. Every til over school-leaving age and under en nable age becomes insurable, and or e purposes of the Bill insured persons re vided into the three classes: employed, ell inployed and non-employed. By selfmy yed is meant "gainfully occupied but of nder a contract of service." Under n employed " are included all who are ot gainfully occupied. Contributions re tyable weekly at rates varying accordigh the class of contributor, the highest ei the amount payable by an employed over eighteen (4s. 7d.) and the lowest the sum to be paid by an employed girl under eighteen (1s. 9d.). The sums received are not, however, sufficient to cover the cost of the scheme, the deficiency being made good by (a) an employer's contribution amounting to about 84 per cent. of the employee's, and (b) an Exchequer contribution.

Single Insurance Card

Contributions will generally be paid by means of stamps on a single insurance card. and the initial responsibility in the case of an employed person will be, as at present, on the employer, who will recover from the employee by deducting the appropriate amount from wages or salary. There are certain exceptions affecting both contributions and benefits. An entirely new principle has been adopted in establishing a uniform rate of benefit in sickness, unemployment or retirement. The figure, for a single male, is 26s. weekly, with lower rates for married women, and increases for dependants. So far as children are concerned the scheme dovetails into the arrangements already approved by Parliament for children's allowances, 7s. 6d. being allowed for a first child and nothing for the remainder (who are provided for under the arrangements shortly to come into force).

With the maternity and widows' benefits and guardian's allowance it is outside our province to deal. The scheme of retirement pensions is noteworthy, because it offers some encouragement to men of sixtyfive to seventy and women of sixty to sixty-five to remain in employment. sured persons who remain at work beyond retirement age have their pension, when they eventually receive it, raised by is. for every twenty-five contributions paid in the five years beyond pension age. On the other hand, persons of those ages who have retired but taken up some other employment will have is. deducted for every is. earned above 20s.

The increased rates under the Bill when compared with the White Paper proposals are indicated in the following figures for a single adult. They should be set against the uniform 26s. referred to in an earlier paragraph: Sickness, 24s. (20s. after three

years); unemployment, 24s.; retirement, 20s. It is understood that the Debate on the Bill will take place during the present session of Parliament.

Training for Business

One of the serious disadvantages suffered by young men and women who have given valuable years of their lives to war service is the loss of training resulting from unavoidable interference with their normal activities. Many excellent schemes have been devised to offset this severe handicap but none, so far as we are aware, has dealt specifically with training for business. Now, however, the Ministry of Labour and National Service announces that this gap has been filled by a new scheme to train men and women in business administration after their release from war service. The scheme will come into operation in April.

General and Specialised Courses

Broadly, training for business is now to be put on the same general footing as training for a profession. Applicants for training are required to fulfil specified conditions of eligibility. Subject to necessity, accepted applicants will be eligible for financial assistance which may, in the case of a married man with one child, be at the rate of as much as £310 per year. The scheme comprises a general business course—a basic course taking about three months if whole-time, longer if part-time-and number of specialised business courses which will follow the general course in suitable cases, and will be anything from three months to two years in duration. general course, which will be planned directly by the Government, will be given in commercial and technical colleges in the principal towns; the specialised courses, which will be approved by the Ministry of Labour and National Service, will be organised and conducted by individual firms or groups of firms and will give fulllength training for the type of business done by the firm or group providing the training.

Though the courses will not begin before April; applications can be received immediately from men and women still in the Forces, if their group release date has been announced, as well as from those

already released from war service. of limitations on the availability of and premises and consequently number of places available, it will the be necessary to make a selection m applicants. In order not to pena and women now overseas, no final to ances or allocation of places will I until March; but it is intended meantime to let each applican whether or not he is within the the scheme and so is, or is not, incle the list from which the final select allocation will be made. Full par u of the scheme are given in a leaflet (F r copies of which are available at an f appointments offices of the Mini v Labour; the addresses of these off; be obtained at any resettlement le office or local office of the Ministry.

A Drug Trade Training Scheme

At a time when so much is bein e about training arrangements, it interest to note a comprehensive and g commendable scheme within ou industry. The British Drug House have developed a type of training designed to assist employees to ir their skill at their jobs. Training, i be said, begins "at home" and certa B.D.H. appear to have spared no to place the best facilities at the of their workpeople in this connexi booklet issued by the company e the scheme in detail Five types of t are given from a special course for p visors to an apprentice scheme. No ployees are trained according to under the section supervisor or a st selected operative. All junior em attend training classes on two half I or one whole day, per week in the com time and all progress is charted will object of assisting the satisfactory 1 of the young worker within the organi Students are given every opportur exhibit and develop any latent to The essence of the B.D.H. scheme u appear to lie in its comprehensive chart as it provides the best possible opport for the acquisition of knowledge t greatest number of employees to the age of all concerned.

NATIONAL INSURANCE BILL

to be introduced into the House of none by the Minister of National need (Mr. James Griffiths) has been ted by H.M. Stationery Office. The grown of the Bill is "to establish and the daystem of national insurance produced in a raims to achieve a unified and completely completely inhabitant of Great Britain the exception of persons below schoolars age or above pensionable age. The sto be provided are as follows:—

ckness nemployment aternity and idows', as well as ardian's allowance etiring pension and eath grant.

U er the Bill insured persons are divided ree classes, as follows:—

Employed persons, i.e. those who under a contract of service

Self-employed persons, i.e. those are gainfully employed but not under ract of service,

Non-employed persons, i.e. those are not gainfully employed.

bution Rates

contributions to be made weekly by lass of insured person, and by ems, are set out in the following table:—

		m- yed son	of plo	m- oyer Em- oyed rson	emp	elf- loyed rson	emp	lon- ployed erson
er	s.	d.	s.	d.	s.	d.	s.	d.
	4	7	3	10	5	9	4	8
8 der	3	7	3	0	4	10	3	8
der	2	8	2	3	3	4	2	9
	2	2	I	9	2	11	2	3
			l.					

ates exclude contributions under the rial injuries insurance scheme but e contributions under the proposed ealth service. Men aged seventy and and women aged sixty-five and over to called upon to contribute, and men sixty-five to seventy and women aged to sixty-five will pay contributions if they are working and have not 1 from regular employment. The sions do not affect employers' liability.

In general, contributions will be paid by means of stamps on a single insurance card, and the detailed arrangements will be similar to those in operation under existing schemes of health and unemployment insurances. For an employed person the stamp covers injuries insurance as well as insurance under the Bill, and the responsibility for paying contributions remains primarily on the employer as under existing schemes, the worker's share being deducted from his or her wage or salary. Power is given to except from liability to pay contributions persons who are (a) unemployed or incapable of work, (b) drawing pensions or other benefits, or (c) undergoing full-time education or unpaid apprenticeship, and such persons will be credited with contributions. Persons whose total income is less than £75 yearly will also be able to claim exemption from contributing, but in doing so they will lose their rights to benefit.

Entitlement to benefits depends on the payment of prescribed numbers of contributions by the person on whose insurance the claim is made. For most benefits there will be a further requirement that the insured person has, according to the nature of the benefit, either a yearly average of fifty contributions paid or credited since he began insurance, or a similar record for the preceding contribution year. Contributions will be credited for weeks of unemployment and sickness and in certain other circumstances. When the record of contributions paid or credited is deficient, a reduced rate.

of benefit may be paid.

Sickness and Unemployment Benefits

Sickness and unemployment benefits are open to employed persons, while self-employed persons may qualify for sickness benefit. The rates are as set out in the following table:—

Weekly Rates	New Proposals	Present Benefits
Sickness	26s.	18s. (10s. 6d. after six months)
Unemployment Retirement	26s. 26s.	24s. 10s. O.A.P.
Increases for Dependants Wife or other adult (wife only in the case of retirement pension) First child	16s. 7s. 6d.	None on sickness benefit. 16s. on unemployment benefit. 1os. O.A.P. for wife over sixty. None on sickness benefit. 5s. on unemployment benefit. None on O.A.P.

The entries in the second column under "Weekly Rates" relate to single adults; lower rates will in general be paid to married In column 3 the sickness and unemployment rates are those for a single man: there are separate rates for married and single women. Odd days of sickness or unemployment may count for benefit, but only where two or more of them fall within a group of six consecutive days. An unemployed person must wait for a period of three days at the beginning of a spell of sickness or unemployment, but will be paid benefit for the three days if he is sick or unemployed for twelve days during the period of thirteen weeks beginning with the first of those days. On a subsequent claim for benefit he will not have to serve a new waiting period unless more than thirteen weeks have elapsed since the end of his last spell of sickness or unemployment. A selfemployed person will receive no benefit for the first twenty-four days of sickness.

Duration of Benefit

During the same spell of absence from work, an insured person can draw:—

(a) sickness benefit without limitation of period, if he has paid at least 156 con-

tributions at any time,

(b) 180 days of unemployment benefit, together with additional days of benefit, assessed on his record of contributions and benefit.

Two spells of absence from work link up and count as one spell if they are not separated by more than thirteen weeks. When an insured person has exhausted his right to benefit of either kind, he can requalify for that benefit when he has paid

thirteen more contributions.

As a temporary measure during the first five years of the scheme, the Minister is empowered to continue payment at current benefit rates to persons exhausting their right to unemployment benefit under the new rules. This will be done on the recommendation of a local tribunal for such periods as the tribunal thinks fit. In making their recommendations, tribunals will have regard to all the circumstances of the case and to local conditions; the cost of such payments will be borne by the Exchequer.

As in the existing schemes of sickness and unemployment benefit, there are certain disqualifications. For example, in unemployment benefit, a person becomes disqualified upon refusing an offer of suitable employment; in sickness, for failing to comply with rules of behaviour. Regula-

tions may impose, on any class of p additional conditions for receiving ployment or sickness benefits, as v restrictions on the rate and durat benefit, if the special circumstan employment make this necessary in or prevent inequalities or injustice to the g body of insured persons.

Persons who are insured under exchemes will, when the new scheme into operation, be given the advant the new rates of benefit. Contrib which have been paid or credited und existing National Health Insurance swill count for sickness benefit. Contions paid under the existing unemployinsurance schemes (including the sissemes) will count for unemploying benefit.

Retirement Pension

When the new scheme is in full oper a mid a retirement pension for life at the range 26s. a week will be paid to an insured property who

(a) has reached pension age (sixt) of for men and sixty for women),

(b) has retired from regular emment and

(c) has paid a prescribed numb contributions.

Men aged seventy and over and were aged sixty-five and over will not be require to satisfy condition (b). Where a man sixty-five to seventy or a woman aged ! to sixty-five does any work after ha qualified for a retirement pension, and eas over 20s. in any week, the pension wi reduced by is. for every is, the pensi earns above 20s. Where the insured pe postpones his retirement beyond per 1 age, his pension, when he qualifies fo will be increased by 1s. for every twe five contributions he pays in the five y after pension age. An insured person has reached pension age, and could qua for a pension if he retired, may draw sick or unemployment benefit subject to usual conditions, but his benefit rate be reduced where he could not qualify a pension at the full rate.

Claims

Claims to benefit will generally be de mined by independent statutory authorit following the pattern of the present un ployment insurance scheme (i.e., insura officers, local tribunals and the Natio Insurance Commissioner, appointed by Crown, whose decision will be final). Ot questions arising under the Act (such

y to pay contributions) will be by the Minister. Appeals on points will lie from the Minister's decision High Court, or, in Scotland, to the of Sessions. The Minister, instead ling a question himself, may refer it, oint of law, to the High Court or of Session.

onal Insurance will be administered Ministry of National Insurance, will have regional and local offices nout the country. Provision is made transfer of the administration of s and maternity benefits from the red Societies and for the compensathe staff in appropriate circumstances.

new Funds will be established: the al Insurance Fund and the National To the latter nce (Reserve) Fund. carried all the assets of the existing s of health, pensions and unemploysurance and, at the outset of the new floo millions will be transferred to the National Insurance Fund. The ing assets will be maintained as a for the National Insurance Fund. contributions of insured persons and vers, the Exchequer contributions and ome accruing from the assets of the e Fund, will be paid into the National nce Fund, which will be charged with st of the benefits for which provision e in the Bill and the administrative ly other payments which fall to be out of the Fund (e.g., payments is the cost of a national health service).

on for Revised Rates

ment Actuary, the Minister will the benefit rates with particular to any changes in the expenditure I for the preservation of health and ig capacity, and will make a report arliament. In pursuance of the ament's policy of maintaining a high of employment, there will be power e or lower contributions in accordance uctuations in the level of employment. Minister will appoint a National Ince Advisory Committee, similar in tution to the Unemployment Insur-Statutory Committee, and will refer ons to it, as he thinks fit, for contion and advice. Before making any tion or order, and before laying any regulation before Parliament (unless regulation or order about transitional gements, reciprocity with Northern

r each quinquennial report of the

Ireland, or supplementary schemes), the Minister will submit a draft to the Advisory Committee, who will publish the draft and call for representations from people who may be affected, and make a report. Minister will lay this report before Parliament, together with the proposed order or regulation, and a statement showing whether any amendments have been made since the Committee's report. Where the Minister has rejected a recommendation of the Committee for amending the draft, the Minister's statement will set out his reasons. Certain regulations will not come into force until they are approved by resolutions of both Houses of Parliament.

The Minister may refer questions for consideration and advice to local committees representing employers or insured persons or both.

The scheme will not apply to Northern Ireland, but provision is made for reciprocal arrangements with a similar scheme in that country. Reciprocal arrangements may also be made with the Dominions and other countries.

Reference should be made to the Bill for details of maternity and widows' benefits, guardian's allowance and death grants.

PALUDRINE FORMULA

IMPERIAL Chemical Industries, Ltd., have disclosed to the world the formula of Paludrine, the revolutionary anti-malarial drug discovered by I.C.I. scientists and announced in November 1945 (see C. & D., November 19, 1945, p. 489).

November 10, 1945, p. 489).
Paludrine is N₁-p-chlorophenyl-N₅-isopropylbiguanide. It is used in the form of a salt, e.g., the hydrochloride. Although ten times as powerful as quinine, Paludrine is thus seen from its formula to be a simple and straightforward compound. A provisional process of manufacture has been worked out, and it is confidently expected that the cost of treatment by Paludrine will be appreciably below that by mepacrine, the anti-malarial widely used during the war. Semi-scale manufacture of Paludrine is already going forward at Blackley, Manchester, and this will be extended at Grangemouth, Scotland, where, during the war, I.C.I. erected a new plant specially designed for the making of mepacrine. Drs. F. H. S. Curd and F. L. Rose, who, as members of the I.C.I. research scheme, first synthesised the new drug at Blackley, are to read a series of papers on the chemistry of synthetic anti-malarials at a meeting of the Chemical Society (see pt. 138).

EIRE STUDENTS SURVEY THE FUTURE

Varied views on the future of Irish pharmacy were expressed at the inaugural sessional meeting of the Eire Students' Representative Body held in Dublin on January 8. For the first time since the body was formed the president of the Pharmaceutical Society of Ireland (Mr. J. K. Whelehan) attended; he presented a paper on "Whither Pharmacy?" Mr. Whelehan was accompanied by Mr. John Gleeson (a member of the Council and a former president). Mr. Seamus Fox (chairman, Students' Representative Council) presided.

Questions Put by the President

In his address THE PRESIDENT (Mr. Whelehan) said: "You are the chemists of tomorrow and the day after. Are you satisfied with the present? I am sure you are not. How do you propose to eradicate the causes of dissatisfaction? Pharmaceutical training has ceased to be academic because of its concentration on the practical side, which has become a mere test of manipulative dexterity and precision. is a matter now of mechanics, and all experimentation is left to the ethical manufacturers. In seventy years pharmaceutical education has changed nothing in essentials. Students have rushed through on their way to open pharmacies and sell 'patent' medicines on bonus terms, and no inducement has been offered them to tarry on the way. Pharmacists should 'spotlight' the much more important subject of pharmaceutical chemistry. The pharmaceutical chemist is the obvious person to do blood counts and advanced urine analyses, and the syllabus must cover a wider field, with fewer memory tests. Brilliant students should be granted scholarships to go further afield.

Should the Pharmaceutical Society of Ireland publish a list of standard fees for professional services rendered by pharmacists, including a charge for making searches and copies of prescriptions? Should there be a pharmaceutical propaganda machine? The Council of the Society is aware of these problems. There is no future for the chemist as such in commerce; if he is to hold his place and improve it, scope must be found for him in the academic sphere. The Council of the Society is making every effort to widen this scope from within, and in the coming months it may happen that there will be good news in this respect." THE PRESIDENT made it clear that his paper was written with the idea of being provocative, and did not necessarily represe his own views or the official outlook of is pharmacy.

Students Not Satisfied

MR. R. Cronin (record secretary), m a vote of thanks to the president, said were things in pharmacy today with students were not satisfied. The p Licence examination was a test of mulative dexterity, and from the theor al aspect there did not seem to be much in it. In his view two years of the p four-years' apprenticeship should be in shop work and two in study. RAUNICE POWER seconded.

Mr. I. Roche criticised the print pharmaceutical course because it inv ed too much "cramming." The majori of chemists, he said, did not give an ncouragement to their apprentices. of them came to Dublin after finish a four-years' apprenticeship without any ea of chemistry, botany or materia me a. Students should be introduced to s things gradually during their apprentice of Mr. J. J. Tierney (a past-president of a Students' Council) said he would like in behalf of the students, to let the pres at know how much his coming there that was appreciated. They all went to pharmacy for one reason alone today id that was to earn a living by every legiti means. It might look fine and profess al to dress one's windows with carboys, it a window full of cosmetics would be profitable. The present curriculum is obsolete. Every chemist should be a simple course in therapeutics. CHARLES WARD (immediate past-pres it of the Students' Council) said Mr. Whel had set a new and much apprecid precedent. He (the speaker) would e to see the ethical side getting prominence.

Replying to the vote of thanks
PRESIDENT said that they would be used to be u

The president and Mr. Gleeson withdrew, and students took part i lively debate, in which Miss A. Fitzger Mr. Martin Fahy, Mrs. Coleman, Miss O'Reilly, Messrs. Liam Byrne, G'O'Connor, Delaney, Nicholas Scroope (chairman), Brendan Kissane, John Loughlin, and Seamus O'Doherty joine

OVERSEAS TRADE NEWS

ch Drug Industry Speed-up.—Output French pharmaceutical industry will to be speeded-up considerably if ments are to be met, according to hin, director of the French Committee emical Industries. Present production aches about 60 per cent. of the prevel and there is still a shortage of les. Phenol production this year stated at 120 tons monthly, which is requirements.

t in Chemical Requirements.—Negotian or the exchange of 10,000 tons of pyrites, against 80,000 tons of phosphorus, have been completed, ported in Rome. There is an acute or ge of phosphorus in the country and alian Ministry of Commerce and try has tried to come to a similar opensation "agreement with the U.S.

Ish Penicillin Production.—The board mark's leading pharmaceutical commass decided to erect plant sufficient at that country's domestic demand icillin. Hitherto Denmark has been on imports from the United States, is oped to market Danish penicillin at belower than that of the American t. As a result of increasing demand enicillin in Sweden, supplies have be scarce, necessitating a re-introduction of the country of the scarce of the

ber Surplus Predicted.—There will be d d rubber surplus if the annual proc a of three million tons predicted by naterialises, according to Mr. J. L. r, president of B. F. Goodrich Co., erica. While recommending the U.S. intain in operating condition plants of 600,000 to 700,000 tons of tic material annually, he foresees and constituting an economic threat can only be avoided by the curbing duction.

Exian Copper Sulphate Situation.—It is deed that one of Belgium's largest acturers of copper sulphate has deed operations. The copper supply on has improved considerably, with a now arriving from the Belgian Congo copper scrap available inside the ry, but the scarcity of fuel continues lain a major obstacle. The company ted to have undertaken to supply the with 3,000 tons of copper sulphate to six months, and plans are also being for the shipment abroad of copper as soon as possible.

Mexican Chemical Industry.—The Mexican pharmaceutical and chemical manufacturing industry has grown rapidly during the past five years. New factories for the manufacture of drugs and chemicals were built when the war virtually cut off supplies from European countries and shipments of many items from the United States were reduced. Figures issued by the National Statistical Department indicate that output of the Mexican chemical industry in 1944 was valued at more than 170 million pesos, compared with 30 million pesos in 1940, and numbers employed rose from under 3,000 to 10,000 persons over this period.

Synthetic Penicillin Plans.—The existence of a secret war research programme undertaken in an attempt to synthesise penicillin has been revealed by the director of the U.S. Office of Scientific Research and Development. Eleven American chemical and drug firms, a number of university and non-profit research organisation's and Government and British laboratories, participated, with each of the private firms agreeing to spend its own funds on the programmes. The commercial firms agreed to permit the Government to turn over to their business competitors valuable information which each firm through its own funds and efforts had produced, and they also agreed to accept the decisions of a Government official in disposing of all patent rights that might arise out of the programme.

Chemical Industry.—The Tapanese Japanese chemical industry is rapidly recovering from the war, the chief bottleneck being the coal shortage. An official survey recently carried out for the U.S. Chief of the Reparations Commission indicates that despite heavy bombing, output from Japanese factories will approach pre-war levels if coal can be supplied to the industry during the first months of this year. Only three of Japan's twenty pre-war nitrogen fixation plants are at present in operation, while capacity for superphosphate production almost equals output Camphor-producing suffered considerably from war damage but output by the middle of the year is expected to be at about half the pre-war rate. Japan has four soda-ash factories capable of producing approximately 150,000 tons a year compared with an output of more than 350,000 tons in 1938.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils repre to prices for wholesale quantities of standard quality. C.i.f. quotations do not include to itional marine risk insurance and other abnormal charges payable under present cor

28 Essex Street, W.C.2, January 30

Business in all sections of the London chemical and drug markets has been rather less active this week, although a fair amount of inquiry has been coming in. Prices have remained quite steady with only a few minor alterations to record. In Pharmaceutical Chemicals the demand has again been routine in character with business about up to recent average. The only price change of importance concerns

a reduction in Bromides.

Reports from the CRUDE DRUGS markets indicate some falling off in activity, with business moving along slowly at practically unchanged prices. Antimony is a steady market at the recently-increased rates with demand keeping well up to the limit of supplies. Balsams are without quotable change on the week. Benzoin continues in good request, but the outlook for this item is poor. BISMUTH METAL continues in fair request at the recently advanced prices. Cardamoms are in meagre supply at high prices. Quiet conditions obtain for CHILLIES and most of the SPICE products. Colocynth is selling quite well; the supply position of this item is good. Menthol continues to arrive from Brazil; the price is as quoted last week. Some grades of Nutmegs are dearer. A price for Rhubarb is reported from China; dealers are keeping in touch but no business has been done. SEEDS are in small inquiry but without tangible results.

Most of the business in Essential Oils continues to be transacted through official channels, with few outside sources able to supply other than negligible quantities. The supply position of Synthetics and Isolates remains tight; CITRAL and

IONONE are dearer.

U.S. Drug Market Report

New York, January 25

WITH the exception of MERCURY there have been no notable price movements among FINE CHEMICALS. A report by the American Bureau of Mines shows that imports of this material in November almost reached the July peak of approximately 20,000 flasks; most of these November supplies were placed in the

Government stockpile, it is stat usual winter demand for prescriptio continues with ACETYLSALICYLIC AND THE STATE OF THE STATE in a tighter supply position. PEN CE supplies are running behind contra it is reported that priority cor (hospitals) are receiving better de moi under the recent Civilian Price Adm tions regulations governing the all the Rail of the item. Supplies of STRY The SALTS are also failing to keep up w demand. A shipment of Hawaiian ACID is expected—it is learned the duction continued during the war though some output reduction relief from drought. PHOTOGRAPHIC CHE! A continue in good demand; the a 🕮 supply position of Menthol still p despite indications that the Br crop will be substantially below the problem season's output. Adequate suppli GLYCERIN are still not available to demand; the easy situation in TAF R ACID continues.

The French Colonial Government is mand for a \$2 per kilo increase in the ic of Vanilla beans has been receive in favourably here. Importers conside in demand excessive and ideas are not a \$1-dollar advance. Meanwhile, the Mexican crop is not expected to be 100,000 lb. Trade in Gum Acacia 120 GUM TRAGACANTH has been quiet with slight price reduction noted in the for relative the short supply position of Aloes, ever, still prevails. With increases i European demand for CARNAUBA predicted in some circles and unsettled ditions in Brazil, there has been some increase in the price of the item. Electrical distributions in the price of the item. SENEGA, PAPAIN and COCILLANA BARK in short supply, while it is thought that bering demands this year will severely labour available for CASCARA SAGRADA ping. There have been moderate arriva ORANGE PEEL and LEMON PEEL from 1 and Spain respectively of late, the large also supplying some JUNIPER BERI Some Swedish Blue POPPY SEED is expe to arrive in the near future. The Conof Price Administration maximums ESSENTIAL OILS are making replacem difficult for many items, including LEN GRASS, BOIS DE ROSE and PETITGR ports of the release of three million lb. of overnment surplus Italian Lemon oil mialise, the tight supply position present of the domestic market should be ply eased. Meanwhile, lower quotations of fierings of Chinese Cassia for future nent have been announced. The modity Credit Corporation announces it desires to purchase 52,000 lb. of permint oil. for early delivery. Adequations of Pyrethrum are expected to eu. S. this year. The heavy cropping in in Kenya is nearing completion and the first of requirements this year.

ange Rates on London

nk of England fixed rates at the ing on Wednesday morning were:—

Centre	Quoted	January 30
indria	Piastres to £ Per Dollar Kroner to £ Florins to £ Francs to £ Escudos to £ Dollars to £ Dollars to £ Kroner to £ Francs to £	978-978 1763-1763 232-338 19.32-19.36 7.58-7.62 479.7-480.3 99.80-100.20 4.43-4.45 4.022-4.032 16.85-16.95 17.30-17.40

* Free market rates

Pharmaceutical Chemicals

ETANILIDE.—Makers quote powder at . per lb., and crystals at 2s. 6d.

PIRIN.—Home market prices per lb., in utiles of 28 lb.—I cwt., are as follows (consin brackets): 4s. I½d. (I-lb.); 4s. (4-lb.); std. (7-lb.); 3s. IO½d. (I4-lb.); 3s. 9½d.

PIRIN TABLETS.—Scales per 1,000, tor supplies, are as follows: Under 5,000; .; 5,000 and over, 3s. 4d.; 10,000, 3s. 3d., 3, 3s. Id.; 50,000, 3s.; 100,000, 2s. IId.; 00, 2s. Io½d.; 500,000, 2s. Iod.; 1,000,000, 3s.

RIUM SULPHATE, B.P. (x-ray).—Home is et prices per lb., in lots of 28 lb.-1 cwt., is sfollows (containers in brackets): 1s. 6d. (y-lb.); 1s. 3½d. (7-lb.); s. 1. (14-lb.); 1s. 2d. (28-lb.).

NZYL BENZOATE.—Available for medicinal pses at 5s. 6d. per lb.; 7-lb. tins, 4s. 6d.

*MUTH CARBONATE.—Prices per lb. for the market, in quantities of 14 lb.—28 lb., are s llows (containers in brackets): 11s. 2½d. t); 11s. 1½d. (2-lb.); 11s. 1d. (4-lb.); 17-lb.); 10s. 11½d. (14-lb.). CITRATE, 2s. b. above; salicylate, 6d. per lb. above; uallate, 4s. 3d. per lb. above; subnitrate, 5. l. per lb. below.

BORAX.—Current rates per ton are as follows: B.P. quality, granulated, £38; crystal, £39; powder, £39 ros. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards.

Boric acid.—Current rates per ton are as follows: B.P. quality, granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards.

Bromdes.—Makers announce a reduction in prices with effect from February 1. New rates per lb. for 28-lb. lots are as follows (containers in brackets): 3s. 2:d. (1-lb.); 3s. 1½d. (2-lb.); 3s. 1d. (4-lb.); 3s. (7-lb.); 2s. 11½d. (14-lb.); 2s. 10½d. (28-lb.), Soddum is at 1½d. per lb. less and Ammonium at 1½d. per lb. more than the above prices. Prices are net without engagement. Resale clause applies.

BRUCINE.—Current rates per oz. are as follows: Alkaloid.—Under 25.0z., is. 4½d.; 25 oz. and under 100 oz., is. 4½d.; 100 oz. and under 500 oz., is. 3½d. Nitrate and Sulphate.—Under 25 oz., is. 3½d.; 25 oz. and under 100 oz., is. 3d.; 100 oz. and under 500 oz., is. 3½d.; 25 oz. and under 100 oz., is. 3d.; 100 oz. and under 500 oz., is. 2½d.

CHLORAL HYDRATE.—The following are the current prices: 1 cwt., 3s. 1od. per lb.; 56 lb., 4s.; 28 lb., 4s. 2d.; 14 lb., 4s. 6d.; 7 lb., 4s. 9d.; less, 5s. 3d.

CITRATES.—Prices per lb. current in the home market for Potassium citrate, in quantities of 28 lb.—I cwt., are as follows (containers in brackets): 3s. $7\frac{1}{2}$ d. (I-lb.); 3s. 6d. (4-lb.); 3s. 5d. (7-lb.); 3s. $4\frac{1}{2}$ d. (14-lb.); 3s. $3\frac{1}{2}$ d. (28-lb.). Ferri et ammon. cit., B.P., 2d. per lb. above; Sodium, B.P., 3d. per lb. below; powder, Id. per lb. cxtra.

CODEINE.—Current prices per oz. for small lots, are as follows: Base.—½ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. Hydrochloride.—½ oz., 50s.; 1 oz., 47s. 6d.; 2 oz., 46s.; 3 oz., 45s. 3d.; 4 oz., 45s. Phosphate.—½ oz., 43s. 9d.; 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s.; 4 oz., 38s. 9d.

Dextrose.—Prices per lb. current in the home market for bulk supplies are as follows: 14 lb.-28 lb., in 14-lb. lots, 1s. 0½d.; 28 lb.-112 lb., in 14-lb. lots, 1s.; in 28-lb. lots, 11d.

DIAMORPHINE.—Current rates per oz. for small quantities are as follows: BASE.—\(\) oz., 58s. 6d.; I oz., 56s.; 2 oz., 54s. 6d.; 3 oz., 53s. 9d.; 4 oz., 53s. 6d. Hydrochloride.—\(\) \(\) oz., 54s. 3d.; I oz., 51s. 9d.; 2 oz., 50s. 3d.; 3 oz., 49s. 6d.; 4 oz., 49s. 3d.

ETHERS (METHYLATED).—As noted last week (p. 126) technical grades have been advanced by 1½d. per lb.

ETHYLMORPHINE.—Small quantities are quoted per oz. by makers as follows: BASE.—½ oz., 61s. 6d.; I oz., 59s.; 2 oz., 57s. 6d.; 3 oz., 56s. 9d.; 4 oz., 56s. 6d. HYDROCHLORIDE.—½ oz., 53s.; I oz., 50s. 6d.: 2 oz., 49s.; 3 oz., 48s. 3d.; 4 oz., 48s.

SCACIA

hed for

GLUCOSE.—Powdered monohydrate for the home trade is quoted as follows: 14 lb.-28 lb., in 14-lb. lots, 11\frac{1}{4}. per lb.; 28 lb.-112 lb., in 14-lb. lots, 11\frac{1}{4}.; in 28-lb. lots, 10\frac{1}{4}.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): Alkaloid.—I oz., 95s. 6d.; 4 oz., 92s. 6d.; 16 oz., 87s. 6d. (6s.). Hydrochloride, hydrobromide and sulphate.—I oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

Iodine preparations.—Current rates are as follows: Potassium iodide, B.P.—II2 lb., 9s. 3d.; 28 lb., 9s. 9d.; 14 lb., 10s. 3d.; 7 lb., Is. 9½d.; 4 lb., 12s. 3½d.; smaller quantities, 12s. 9d. per lb. Sodium iodide, B.P.—28 lb., 10s. 2d.; 14 lb., 10s. 8d.; 7 lb., 12s. 5½d.; 4 lb., 13s. 1½d.; smaller quantities, 13s. 11d. Iodoform, B.P.—28 lb., 13s. 4d.; 14 lb., 13s. 10d.; 7 lb., 16s. 0½d.; 4 lb., 16s. 10½d.; smaller quantities, 17s. 8d. Iodoform crystals.—2s. per lb. above powder prices. Iodine resublimed, B.P.—112 lb., 10s. 8d.; 28 lb., 11s. 2d.; 14 lb., 11s. 8d.; 7 lb., 13s. 5½d.; 4 lb., 14s. 1½d.; smaller quantities, 14s. 10d.

MAGNESIUM CARBONATE, LIGHT.—Home market prices per lb., in lots of 28 lb.—I cwt., are as follows (containers in brackets): Is. 4d. (I-lb.); Is. 2\flat{d}. (4-lb.); Is. 1\flat{d}. (7-lb.); Is. Id. (I4-lb.); Is. (28-lb.). Prices net one month.

MAGNESIUM CARBONATE, HEAVY.—Prices per lb. for the home market, in quantities of 28 lb.—I cwt., are as follows (containers in brackets); 1s. 7d. (1-lb.); 1s. 5\frac{1}{2}d. (4-lb.); 1s. 4\frac{1}{2}d. (7-lb.); 1s. 4d. (14-lb.); 1s. 3d. (28-lb.).

Magnesium trisilicate.—Prices per lb. in the home market, in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 3s. 9½d. (1-lb.); 3s. 8d. (4-lb.); 3s. 7d. (7-lb.); 3s. 6½d. (14-lb.); 3s. 5½d. (28-lb.).

Mandelates.—Makers' quotations are unchanged. Sodium and Calcium.—4 oz., 8 oz., and I lb., 22s, per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb. (in 7-lb. packages), 16s. 9d.; 28 lb. (in 7-lb. packages), 15s. per lb., net. Ammonium (50 per cent. solution).—4 oz., 8 oz., and I lb., 11s. 9d. per lb.; 4 lb., 10s. 9½d.; 7 lb., 9s. 10d.; 14 lb. (in 7-lb. packages), 8s. II½d.; 28 lb. (in 7-lb. packages), 7s. 11d. per lb., net. Packages extra and returnable.

Mandelic acid.—Current quotations are as follows: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

METHYL SALICYLATE.—Smalls are quoted at 2s. 6d. per lb.; winchesters at 2s. 1½d.; 56 lb., in demijohns, 2s.; 1 cwt., in demijohns or carboys, 1s. 11½d.; 5 cwt., 1s. 11d. All prices net.

PHENOLPHTHALEIN.—Unchanged at the following prices: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt., 4s. 4d.

POTASSIUM PERMANGANATE.—Current rates are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8\frac{1}{2}d. per lb.; 3 cwt. and over, 1s. 8d. Technical (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 ton

and over, 156s. 9d.; 4 tons and over, 154s.
TECHNICAL (in 5-cwt. drums), 5 cwt. and c
156s. 9d. per cwt.; 1 ton and over, 154s.
4 tons and over, 152s. Terms net, carr
paid station, containers extra and returnabl

Santonin.—Prices per kilo are as foll (price per oz. in brackets): 25 kilos, (23s. 1od.); 10 kilos, £43 (24s. 5d.); 5 k £44 (24s. 1rd.); 2-4 kilos, £45 (25s. 6d.) kilo, £46 (26s. 1d.); 500 gm., £47 (26s. 8 250 gm., £48 (27s. 3d.); 100 gm., £49 (27s. 9) smaller lots, £50 (28s. 4d.).

Crude Drugs

ANTIMONY.—Prices are maintained at recently advanced levels, with demand g and supplies fair. English minimum 99.6 cent. regulus, £125 per ton; 99 per ce £117 10s., delivered; 70 per cent. crude, the home trade, £100.

ARECA NUTS.—Available on spot at 8 per cwt.; shipment, 55s. c.i.f.

Balsams.—Peru is steady on spot at 8s. per lb.; Canada, unchanged at 13s. 6d. 14s. per lb.; Tolu and Copaiba are unobtable.

Belladonna.—Low-testing Indian root me had on spot at 2s. 3d. per lb., and Engleberb at 4s. 6d. per lb.

Benzoin.—In good demand but there no prospects of an early replenishment stocks.

BISMUTH.—In good demand at the recen advanced price of 6s. 8d. per lb., in minim 5-cwt. lots.

CARDAMOMS.—Scarce and firm. Aleppy se spot, 8s. per lb.; Aleppy greens, 7s. to 7s.; per lb.

CASCARILLA.—Request continues fair w up to 3s. 6d. per lb. paid for spot; offers fro origin are reported at 2s. 6d. per lb., c.i.f.

CHAULMOOGRA.—Hydnocarpus is unchang on spot at 2s. per lb., in tins in cases.

CHILLIES.—Markets remain quiet with sp prices between 140s. and 150s. per cwt., accoring to holder.

CINNAMON CHIPS.—Spot supplies are smal price, 2s. 2d. per lb. on the spot.

CLOVES.—Steady at the last-quoted price is. 8d. per lb., sellers, for Zanzibar; Januar February shipment, 9\frac{3}{4}d. per lb., c.i.f., buyer licence.

COCHINEAL.—Spot price of silvers is u changed at 5s. 9d. per lb.

COCOA BUTTER.—The maximum price fixe under the official Order is 1s. 5, d. per lb., factory or warehouse, but this price may lexceeded under licence.

COCYNTH. - Moderate trade in this item. quality pulp, in good supply on spot, 1. to 2s. 9d. per lb.

SITALIS LEAVES .- Portuguese leaves may tained on spot at 140s. per cwt.; English s, 2s. 6d. per lb.

GOT .- Not much here. Any remaining lies of fair-quality would be worth 7s. 9d. on spot.

NGER.-West African is unchanged at per cwt.

M ACACIA.—Kordofan cleaned sorts is y on spot at 72s. 6d. per cwt.; bleached, 145s.; Talha, cleaned, 42s. 6d.

NBANE.—Indian leaf on the spot, 250s. wt.; Egyptian (muticus), 85s.

LAP.—Material containing 10 per cent. would be worth approximately 3s. 6d. b. on spot.

MALA. From 2s. 9d. to 3s. per lb. would quired for powder testing 6 per cent. ash. RAYA GUM.—Indian No. I gum is quoted

o he spot at 210s. per cwt.

LE FERN ROOT.—Spot stocks are exhausted. Brazil. Price is from 30s. to 32s. per lb.,

RCURY.—Controlled by official Order 5 D., October 13, 1945, p. 388).

VRRH.—Good-quality Aden sorts on spot d fetch about £18 per cwt.

JTMEGS.—In short supply with some grades q ed higher. West Indian, 80's, 4s. per lb.; d unassorted, 3s. 10½d.; wormy and b en, 3s. 6d.

JX VOMICA.—Cochin, washed and garbled, loted from source at 37s. 6d. to 40s. per , c.i.f. Some Cocanada may be had on pot at 47s. 6d. per cwt.

PPER.—Whole, not picked over or cleaned, le to processors, is officially priced at 1s. 4d. b. for white and is. per lb. for black.

MENTO.—Quiet with sellers on spot at d. per lb.; afloat, r32s. 6d. per cwt., c.i.f.

HUBARB.—A price is reported from China h would work out at approximately 12s. 6d. lb., landed terms, but no business is yet

RSAPARILLA.—Request for Jamaican cones. The position as noted last week is nanged.

ness is negligible. Current prices are as ws: Aniseed.—Turkish, spot, 2s. 8d. per lb. IANDER.—English, spot, 125s. per cwt., rs. Cumin.—Maltese, spot, 150s.; Indian, e available. DILL.—Spot, London, 80s.; rpool, 80s. Fennel.—Nothing available. UGREEK.—Spot, 67s. 6d. MUSTARD.—The stard Seed Order, 1945, replaces the Mustard 1 (Control and Maximum Prices) Order,

ENNA.—Alexandrian hand-picked pods are

in good demand; the price is nominal at 4s. Good manufacturing Alexandrian pods are quoted at 2s. per lb.; Tinnevelly leaves, No. 1, 10½d., No. 2, 8½d, No. 3, 7d.

STROPHANTHUS SEED .- 100 per cent. Kombe seed may be had on spot at 7s. per lb., but . little interest is being taken in the drug.

Tragacanth.—Select grades continue scarce and firm. Medium grades are quoted as follows: No. I white, £145 per cwt.; No. 2, white, £120; No. 3 white, £110; No. 4 white, £85; pale leaf, £50; amber leaf, £50; amber, £35; brown leaf, £25; red-and-brown leaf, £20; red leaf, from £17; hoggy, £12 to

TURMERIC.—Sound-quality Madras finger may now be obtained on spot at 120s. per cwt., sellers; forward shipment, unchanged at 67s. 6d. per cwt., c.i.f.

Waxes.—Bees'.—Dar-es-Salaam, February-March shipment, 295s. per cwt., c.i.f.; Benguela, January-February shipment, 285s. per cwt., c.i.f. Carnauba.—Fatty grey, to arrive, 675s. landed; afloat, 650s.; February-March-April shipment, 600s., nominal, c.i.f.; chalky grey, spot, not available; March-April shipment, 595s., c.i.f.; prime yellow, spot, 800s., nominal; February-March shipment, 710s., nominal, c.i.f.

Essential and Expressed Oils

CASTOR.—Bulk supplies are officially quoted as follows: "Firsts," £82 per ton; "seconds," £80, both naked ex works.

CLOVE.—English-distilled bud oil continues to be quoted at from 12s. 6d. to 13s. per lb., according to quantity.

Coconut.—The following are the fixed prices for bulk quantities: Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

Cottonseed.—Official quotations are follows: Crude, £52 2s. 6d. per ton; washed, £55 5s.; refined edible, £57; refined deodorised, £58, naked ex works.

Synthetics and Isolates.—Supplies of many of these products remain short and are not necessarily available because prices are quoted. AMYL ACETATE.—Pure, 1228. per cwt. AMYL SALICYLATE.—About 5s. per lb. Benzyl Acetate.—4s. per lb. Benzyl Alcohol.—4s. per lb. Bromstyrol.—100 per cent., about 30s. per lb. Butyric acid.—About 7s. per lb. ETHYL BUTYRATE, 7s. per lb. CINNAMIC ALDEHYDE.—Quoted at around 9s. per lb. CITRAL.—Chemically pure, about 55s. per lb. CITRONELLAL and CITRONELLOL.—Both nominal at 60s. to 70s. per lb. Coumarin.—Quoted at approximately 17s. 6d. per lb. Ethyl Phthalate.—Is. 9d. per lb. Eucalyprol.—About 13s. per lb. Eugenol.—Around 18s. 6d. per lb. Geraniol.—About 8os. per lb., ex palmarosa oil. GERANYL ACETATE.—Approximately 85s. per lb. Ionone.—100 per cent., around 85s. per lb. Isoeugenol.—About 22s. per lb. Rhodinol.—From African geranium oil, 150s. per lb.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

An Achievement Recalled

SIR,—In your columns to-day (C. & D., January 26, p. 104) is recorded the death of Mr. W. C. Birks, York. This must be the W. Cyril Birks who used to compete in your "Corner for Students" in 1880, and who, in March of that year, took the first prize with 100 per cent. marks.

Yours faithfully, Weston-super-Mare. DAVID HOOPER.

Medical Films

SIR,—The interesting article on "Films in Pharmaceutical Education" (C. & D. 1945. II. 690) is a welcome indication of the growing interest in this valuable teaching aid. There are several points on which some further reference might well be made:-

- (I) The interests of the medical committee of the Scientific Film Association cover a far wider field than the publication of lists of medical films. The Association has collected suggestions for needed films from the deans of medical schools and learned medical societies. It has recently put into operation a coordinating scheme to prevent overlap in the production of medical films. It has dealt with a vast number of inquiries for assistance from all over the world, and has published a number of pamphlets on the subject, as well as the hand-lists of films. I will gladly send to any inquirer a leaflet describing the activities of the Scientific Film Association in full.
- (2) The Royal Society of Medicine has not, so far, appointed committees to discuss the use of films, but it has done a most valuable work in making (with some assistance from the Ministry of Health) a grant to the Scientific Film Association for the salary of a cataloguer of medical films and in providing secretarial assistance and accommodation for this joint Further, the various secundertaking. tions of the Royal Society of Medicine are assisting to provide the panels of experts who will assess the films and so provide expert evaluation of the content and usefulness of each film in the catalogue. Yours faithfully

R. C. MacKeith, D.M., M.R.C.P., Chairman, Medical Committee, Southport. Scientific Film Association.

TRADE MARKS

(From "The Trade Marks Journal," January 16)

"PERMACREASE"; for a solution for us n making a permanent crease in clothing
By R. Amon, 143 Cannon Street, Lon
E.C.4. 636,404.
"Le Debut"; for soaps, perfumery, toilet

cosmetic preparations, essential oils, fumed sachets, sachets for use in waving hair, dentifrices, etc. (3). Also for phaceutical preparations and substances, s ling salts, deodorants, bath salts (hu ceutical) (5). By R. Hudnut, Ltd., Per Road, Chiswick, London, W.4. 635,87 (Both Associated).
"SMART PARTY"; for perfumes, toilet

cosmetic preparations, soaps, sachets, I salts, etc. (3). By D. R. Collins, Ltd., New Bond Street, London, W.r. B636,

"Ivoreen"; for perfumery, toilet and metic preparations, hair lotions, dentifi (3). By F. C. Calvert & Co., Ltd., To Chemical Works, Gibbon Street, Bradf

637,048 (Associated).

"BASTEROL"; for anæsthetics. "ATIRAL for insecticides and fungicides (5).
Bayer Products, Ltd., 14 Waterloo Pl Pall Mall, London, S.W.I. 636,622,637,

"Ger-Cher"; for pharmaceutical preptions (5). By H. G. H. Jennings, 15 Bi wood Road, Penn, Wolverhampton. 637, "VARENECOSE"; for elastic hosiery for gical and curative purposes (10). By Brasseur Surgical Manufacturing Co., Land Co., Wornstor Street Birmingham

96-92 Worcester Street, Birmingham, 636,401. "PERAMINTA"; for mint-flavoured non-a

holic beverages (32). By Dallington W Products, 318 Uxbridge Road, Acton I London, W.3. 637,244.

APPLICATIONS AMENDED AFTER ADVERTISEMENT

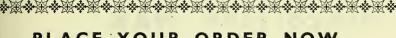
Specification No. 634,064, by C. F. H. Cool should be altered so as to read, " Phari ceutical preparations for use in the treatm of the eyes.

Specification No. 636,586, by Imperial Chem (Pharmaceuticals), Ltd., should be alte so as to read, "Medicine cabinets ? medicine cupboards."

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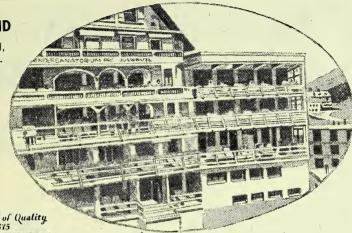
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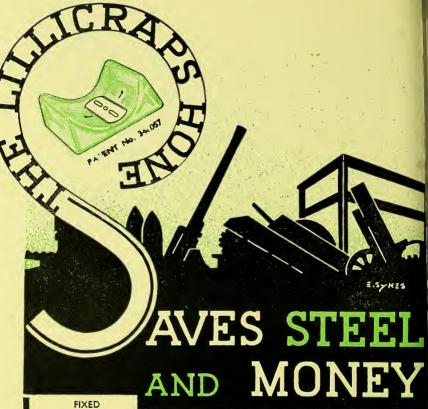
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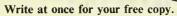
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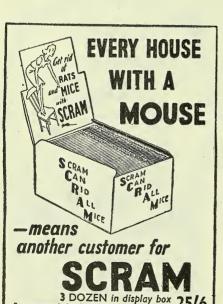
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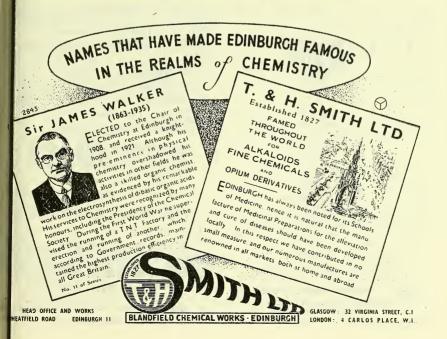
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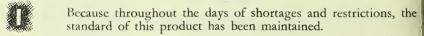
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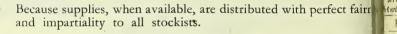
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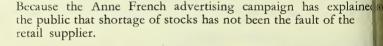
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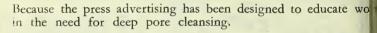
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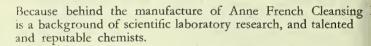
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FEBRUARY 2 1946

vailing restrictions and heavy demand on space necessitate the holding over of a number of ertisements week by week. As normal press days are in abeyance advertisers are advised to send tructions as early as possible. Advertisements must be prepaid. Box Office Numbers I/- extra.

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y by letter giving inin particulars to Superinten-Chemist, 41 Northgate, Dewsbury. OMLEY, KENT.—Qualified Assistant required; whole or part-time. Apply Wallace Pring, S., 18 Bromley Common, Bromley, Kent. EMISTS Assistants (Ladies) wanted for clerical work in the N.H.I. checking bureau and

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MATLOCK DISTRICT.—Energetic and gentlemanly qualified manager, required for busy
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hardy. Fosition is progressive with view to branch Management, offering excellent opportunity to a keen young "qualified." Superannuation scheme in operation with transfer clause. Scale wages. write stating age and experience to Superintendent Chemist, Sheffield and Ecclesall Co-operative Society, The Arcade, Ecclesall Road, Sheffield.

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1 requires Pharmacist. Permanent; super-annuation; good prospects; living accommodation if required. State age and experience with copy references to eGeneral Secretary, 50 Thorn Park, Plymouth, by February 13, 1946. QUALIFIED Assistant. Either sex. Easy berth and hours, no extra duty. Might suit member of Forces who has had strenuous time. Pleasant East Anglian Town. Partnership in due course might be considered if suitable. 948/406, C. & D.

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Easy hours, good chance for demobilised man to take up the reins again quietly. No Sunday or holiday duties. Full particulars to 949/454, C. & D. Offices.

S.W. LONDON. Busy Drug Store requires Qualified Man (M.P.S.) to re-organise present business to Pharmacy. A splendid opportunity for an energetic young man. Write, stating experience and salary required to 946/331 C. & D.

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ford Devon.

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WANTED in Salisbury, South Africa, Junior Male Dispensing Chemist. Must have M.P.S. qualifications, and preferably some optical qualifications. Age under 25. commencing salary \$35 monthly. Medical Aid scheme and Penskons Fund Benefits. Write full details including photo if possible to ZN. 264, Deacons Advertising, 36 Leadenhall St., E.C.3.

WANTED, Qualified Assistants for Thoms Taylor Ltd., Bombay, India, an old-elished business. Three years' Agreement. S. Rs. 700 per mensem for first year, Rs. 750 p.n second year, Rs. 800 p.m. for third year, Second outward passage paid by Employers. Age not \$25 and unmarried. Apply to Frank Ross & Co., 4 Lloyds Avenue, E.C.3.

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A GEATS, calling on Retail Chemists and a facturing Chemists, wanted to represent Lo firm of Container Merchants. Please write with parti ulars, stating counties covered, to 947 C. & D. Office.

A NALYTICAL Chemist required by Lo. Manufacturing Chemists. Practical works perience of general routine analysis and alkali assays of drugs, including Opium, essential. 5 week. Reply, giving particulars of expericalary, etc., to 946/357, C. & D. Office.

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A PH.C., or equivalent, with sound knowledge previous experience in ethical pharmaceut development required for laboratory work on phar ccutical products. Full particulars by letter states salary required to Crookes Laboratories, Park Ro

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A SSISTANT Librarian an required by Chem Duties include abstract Manufacturers. medical and technical literature, compiling bib graphies, cataloguing. Candidates should h qualification as pharmacist or a degree in chemis qualification as pharmacist or a degree in chemis or biology; experience in librarianship; good read knowledge French and/or German preferable but essential. Salary according to age and experier Write giving full particulars, which will be trea as confidential, to Personnel Officer, May & Bal Ltd., Dagenham, Essex.

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ST-CLASS opening for salesman representing stablished house having wide range medical nedicated products proprietaries. National ution and advertising. Successful applicant be under 35, have had some previous experielling to chemists but must really understand and be of exemplary character. Attractive and commission. Lancashire and Cheshire Write full application to 947/362, C. & D.

EWOMAN required by manufacturing chemists Kent) to supervise packing staff of thirty inal tablets and preparations. Must be capable control. Write with full particulars of us experience and salary required, to 948/421, D. Office.

HOON manufacturers of Ethical Pharmaceuticals and Biologicals require General cer. Write details of age, experience and required to 949/443 C. & D. Office.

NCHESTER firm manufacturing Perfume Compounds and Essences, require assistant lst. Write, stating full particulars and salary red. 948/417, C. & D. Office. ist.

NUFACTURING Chemists (Kent) require general Laboratory Assistant. Must have some ledge of tablet making. Good and progressive on for energetic and accurate worker. full particulars of previous experience and wages red to 948/420 C. & D. Office.

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DLAND firm of Manufacturing Chemists require the services of one or two Representatives a live connexion to cover their interests to lists and 'drug stores in Midlands, and indus-Yorkshire and North-East England. Full paras to 943/226, C. & D. London Office.

C.B.PHARM. OR B.SC. to visit medical pro-fession to introduce new antibiotics and gicals for manufacturing chemists of high repute age, details of education, qualifications and ious experience in first instance. Applications be treated in confidence. Write to 945/321,

D. Office. LL and Tablet maker for South East London Firm. Write giving experience and salary tred to 949/436, C. & D. Office.

tocess Workers required for Galenical Laboratories in Central London area. Write, 948/409, D. Office.

REPRESENTATIVES required (2) South-West inc. South Wales. Chemists Proprietary Trade, represent small but first-class known Proprietary House, well advertised products of good standing. Salary, Commission, and Expenses. Write Box W.1337, Haddon's, Salisbury Square, E.C.4.

REPRESENTATIVES on Commission wanted for all territories for the sale of Sun Spectacles. Write giving full particulars to 949/427, C. & D. Office. REPRESENTATIVES required for various territories throughout the country by Manufacturers of P narmaceutical preparations regularly advertised in the Medical and National Press. Appplications only considered from men of stability and initiative

only considered from men of stability and initiative with established connections amongst retail an wholesale chemists. Salary, commission and expenses. Write in full to 949/434, C. & D. Office.

PEPRESENTATIVES required for vacant territories of Edinburgh, Fife and Lotlians; Northeast Scotland; Northumberland, Durham and Cumberland; Glasgow and West of Scotland; and Northern Ireland, to sell high-grade proprietary lines to Chemists, Bulk to Hospitals, Medical and Deutal professions. Salary, commission and expenses. Connexion a great advantage but applicants must have proved sales ability. Permanent and progressive have proved sales ability. Permanent and progressive positions to men with drive to increase present turn-over. Full particulars to 949/447, C. & D. Office.

RETAIL Representative on Wage, Commission. Expenses, with good connexion Retail Chemists throughout Leicestershire, Nottinghamshire, Derbyshire. Lady or Gentleman wanted immediately by Established Wholesale Chemists' Sundries House. Must be Driver. State in confidence wages required, age, experience. 949/450, C. & D. Office.

SALES Manager required to supervise and direct Sales Departments of a Company with well-established agencies all parts of world. Knowledge of pharmaceuticals desirable but commercial experience in all matters relating to ales promotion and of the organisation and control of Sales Departments essential. Position involves full responsibility for further development of markets and maintenance of enterprising and efficient Sales Departments. Commercing salary £700 p.a. with excellent prospects of advancement. Applicants should state in writing age, qualifications, experience and audress to 949/449, C. & D. London Office.

C. & D. London Office.

HIPPING Clerk required for Office near London
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Pensionable position. Please state age, experience
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HIPPING Clerk required for Manufacturing
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Write full particulars, age, salary, etc. 949/433
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TWO Research Chemists, one with knowledge of
Organic. Synthesis, and the other with experience of Plant Extracts, Alkaloids and Glandular
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Write in confidence to 944/275, C. & D. Office.

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TYPIST Telephonist required with knowledge of Chemist lines for prominent and progressive position with Wholesale Chemist. Apply in writing to The Allied Drug & Chemical Co., 1 Robert St., N.W.I. JNGUALIFIED Energetic Man for Wholesale Department of London Chemist. Eventually full charge. Apply giving full details of previous experience to "A", 949/446, C. & D. Office.

VETERINARY Representative. Burroughs Welcome & Co. have a vacancy for a qualified pharmacist for this position. Previous experience not essential, but applicants should have a good general

essential, but applicants should have a good general knowledge of modern veterinary therapeutics. The knowledge of modern veterinary therapeutics. The post is progressive and pensionable (contributory scheme). Applications (by letter only) which will be treated in strictest confidence, should include the usual particulars of age, height, present salary, photograph if available, etc., and should be sent to The Manager, Veterinary Department, 12 Red Lion Square, W.C.1.

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WANTED Chemist with ideas for new lines capable of supervising production. Partnership may be considered with right man. Apply in

with right man. Apply in confidence, 947/877, C. & D. Office.

WANTED. Representatives calling on retail chemists in England, Scotland, Ireland and Wales, to carry additional good selling lines. State ground covered, and references. 946/334, C. & D. Office

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WELL-KNOWN Manufacturers of Ethical Pharmaceuticals require medical propagandists for several territories. Previous experience essential. Applications welcomed from men at present in Services. State fullest details, age and salary required, 948/408, C. & D. Office.

WORKS. Manager, Southon Laboratorics, Ltd., offer a position with excellent prospects to a capable Chemist (aged about 40) who must have had first class a varying in Manufacturing. Controlling

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Position Dispenser, Bookkeeper. Trustworthy.
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Co-operation with Doctor.—W. 102er, 27 Swallow-fields, Toncs, S. Devon,
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Tonet, Counter and Dispensing Experience, seeks position in Manchester. Highest references, 948/425, C. & D. Office.

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A DVERTISER, 31, tall, smart, 12 years' thorough experience Drug Trade Org. (Ex-Sgt., R.A.F.) Good disciplinarian, keen, hard worker, desires situation Foreman, Works' Manager, Representative. First-class refs. 948/413, C. & D. Office.

A SSISTANT Chemist with one new line and conproduction to despatch. Age over 40, trustworthy, desires change. 948/401, C. & D. Office.

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scope and opportunity with well-established drm, 947/363, C. & D. Office.

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REPRESENTATIVE, 14 years' experience of connexion South Wales, wishes repried firm of repute, 948/394, C. & D. Office.

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sales record and sound connexion in the I Counties and Eastern Counties. Would take any territory, and reside on same. Sound experin pioneering, and controlling salesmen. Drive

car. Salary, expenses or salary commission cxpenses. 949/438, C. & D. Office.

CUPERINTENDENT Pharmacist (38) dechange. Capable, energetic, experienced Capable, ellergette, experienced duction and sales. Progressive position sales nr gership or production. 948/415, C. & D. Office.

TABLET MAKER and Sugar Coater. Capab producing first-class work desires post

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WELL-EDUCATED and energetic young (31), just released from the Army, de progressive position with Wholesale or Manufactic and the control of the Army of the control of the Army of the Ar Preferably as representative, consider any position where personality, tact experience can be used to advantage. Resi within easy reach of London. 949/428, C. & D. O

WHOLESALE (OVERSEAS)

DOCTOR, (Mcdical Faculty, Berlin). Fluorenan, French and Spanish; some knowledge. Polish. Desires representative position on Contin 949/442, C. & D. Office.

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7/6 for 40 words or less, 2d. for every additional wor

BEDFORD. Required by private person, Cheming Business or Drug Store, good living accomodation and garage (or room for) essential. Accomodation and garage (or room for) essential. Accomodation for the summary of the s

LIER, PARKER, MAY & ROWDE Surveyors and Valuers, 77 Grosvenor Stre HILLIER, Survey Nurveyors and Valuers, 77 Grosvenor Strew.1, have applications for several sound and p gressive single-shop Businesses occupying prem trading positions in London and Provinces, of Group Concern would be seriously consider Owners contemplating sale or their solicitors invited to write for further information to Hilli Parker, May & Rowde 77 Grosvenor Strew 1 W.1

NFANTRY Capt. Demobbed (M.P.S.). W known in Public and Business Pharmac urgently requires pharmacy or partnership with viv to succession in agricultural town or village.

n older pharmacist make way for soldier e proprietor? 947/381, C. & D. Office.

NORTHERN IRELAND. Good Business required a vailable up to £15,000.

Banker references. Initial particulars in fullest confident to Ernest J. George & Co., 35 Bridge St., Walsa nr. Birmingham.

PHARMACY, or Drug Store wanted. Nor country, coastal area preferred and livir accommodation not essential. Not a large place by pleasant if possible. Details in confidence. 947/36. C. & D. Office.

ISINESS OPPORTUNITIES

40 words or less, 2d. for every additional word.

IERCIAL Artist, specialising in manufac-ing and wholesale chemists lines, requires ions for the design of showcards, displays, and all kinds of packaging and show material. Alan Dick, 3 Kingsdown Rd, Tankerton, Kent. UTIVE who co-operated well-known brand Aspirin 3's " introduction and sales drives innd Burma, now in London, seeks interview anufacturers and wholesalers of Aspirin who may be interested to market in India etc. retail packing of 3's. Willing to join on salary mission and expenses, or purchase special on own account. 946/335, C. & D. Office. ESTABLISHED Specialists in the manu-cture of Proprietary Products offer a comive service covering manufacturing, tableting, and despatches of proprietary and other s. Please give brief details of requirements ducts, in confidence. Box 700, Hannaford Iman Ltd., 69 Fleet Street, London, E.C.4. ERS of small factory in South-Eastern istrict can undertake packing any commodity. New Cross 4100 between 11 and 1 daily. our products, on a commission basis, is offered all manufacturers who have no full selling ation; all retail trades covered. 944/281, Office.

APPOINTMENTS

SURREY COUNTY COUNCIL

ST. LUKE'S HOSPITAL, GUILDFORD

ISTANT PHARMACIST. Temp. Must be S. or Ph.C. Salary £250 × £10-£300 p.a. bonus 23s. p.w. male, 18s. 6d. p.w. female. ly to Medical Superintendent.

COUNTY BOROUGH OF SOUTHEND-ON-SEA STITHEND MUNICIPAL HOSPITAL

ROCHFORD, ESSEX

Health Committee of the Council invite lications for the post of Non-Resident 51STANT PHARMACIST at the above pital. Candidates should hold one of the sterable qualifications of the Pharmaceutical liety. The salary is at the rate of £260 per um, rising by increments of £10 to a maxim of £300, plus cost of living bonus, at present
16s. per annum for males and £48 2s. for
lales. The provisions of the Local Governnt and Other Officers Superannuation Act. 77, will apply, and the person appointed must isfy the Council's Medical Examiner.

Application forms, which can be obtained

m the Medical Superintendent of the Hospital, ist be completed and returned to him as soon

possible.

ARCHIBALD GLEN, Town Clerk.

January, 1946.

ILLESDEN GENERAL HOSPITAL

HARLESDEN ROAD, LONDON, N.W.10.

PPLICATIONS are invited for the post of sistant Pharmacist (lady). Salary £300 r annum, with lunch and tea, superannuation d uniform. Apply, with full particulars d references, to General Secretary.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

A LUM Blocks. Wanted immediately by Wholesale House. Will Manufacturers who can give spot delivery contact, quoting prices and terms? 948/411, delivery contact, quoting prices and terms? C. & D. Office.

C. & D. Office.

A UTOMATIC Cream Filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.19.

PLANT required. 1 Steam Jacketed Copper Vacuum Still, 40/60 gallon capacity with vacuum gauge, thermometer pocket, swan neck multitubular or double surface condenser, twin vacuum receivers and suitable dry vacuum pump. Also: 1 Rotary Tablet Machine B.B. 27 or 33 punch head; 1 Rotary Tablet Machine B.B. 27 or 33 punch head; 1 Rotary Tablet Machine D.3 and 1 Copper Tank, cylindrical, about 120 gallon capacity, fitted with lid and draw off cock. Apply, 948/412, C. & D. Office. Office

PLASTER Strip Dressing wanted in bulk. Lowest price and samples. 1,000 yard. 946/347, C. &

D. Office.

Nust be absolutely pure unadul-quantities entertained. Send particulars of source, etc., etc., Picot Ltd., 191 Hammersmith Road, etc., etc., Picot Ltd., 191 Hammersmith Road, London, W.6. Riv. 3336. SULPHONATED Fatty Alcohol Powder required in ton lots immediately. 946/342, C. & D.

Office

office.

GURPLUS Stocks; White Beeswax, Spermaceti, Cinnamic Aldehyde, Vanillin, Ethyl Vanillin, Coumarin, Lemon Grass Turpenes; also any Essential Oils; Citronella, Geranium, Petit Grain, Anise, Peppermint, Spearmint, Sandal Wood, Lavender, Bergamot, Patchoull, Lemon Grass, Palma Rosa, etc. CDB/433, C. & D. Office.

WANTED 4-0z. Medical Flats or Bow Panel Bottles, amber or white flint, 100 gross to 1,000 gross; will collect and pay prompt cash. 942/212, C. & D. Office.

WANTED by Wholesale Distributors to the Retail trade. Lambswool Puffs and Squares, Nail Files, Scissors, Tweezers, Sundries, etc., from Manufacturers only with quotas to spare. State sizes, prices, etc. Immediate delivery only. 948/407. C. & D. Office.

Drices, etc. Immediate delivery only. 948/407, C. & D. Office.

WANTED. 1-oz. bottles, small or large quantities,

machine made. Highest cash paid.

W machine made. Highest cash paid. Write, 947/385, C. & D. Office.

WANTED, 2 dr. Essence, 1 oz. Round, 2 oz. Round, 4 oz., 6 oz., 8 oz., Panel bottles. 2 oz. Jars. For packing only, not for resale. 948/410, C. & D. Office.

WANTED for Export by Cosmetic Manufacturer:
Lacquered Talcum Tins with Sprinkler Tops; Lipstick Cases 11 m.m., Propeller Type; Mascara Boxes and also Brushes. Please send particulars to the Hygienic Research Works, 79 Evering Rd., London, N.16.

London, N.16.

WANTED.—Small maker of "Latex" item.
A weekly output required. 948/403, C. & D.

WHITE Petroleum Jelly B.P. required, delivery Office

White retroiting stars of the condon; please state quantity available. 941/182, C. & D. Office.

OZ. Plain Medicals, 8-oz. ribbed Ovals, 2-2½-oz.
Panels; divisioned cartons to hold any of these.
Samples and prices to S. Tatlow & Co., Ltd., Ecking-

ton, Sheffield.

26-0Z. and 13-oz. Wine or Champag required. 625/524, C. & D. Office. Wine or Champagne Bottles

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7/6 for 40 words or less, 2d. for every additional word.

CARDIFF. Chemist's Business, estab. 34 years.
Recently operated as drug store owing to staff difficulties. Cash business £70 wkly. Good quotas. Optics and Kodak Agents. Ample scope: Living accommodation with Shop. Long Lease. Rental £2. Price £2,000 inclusive. 949/440, C. & D.

PARTNERSHIPS

A DVERTISER (Lady, aged 34), Apothecaries Hall Certificate. Experienced in chemist's dispensing and retail. At present and for the past 4 years dispensing for very busy firm of 4 doctors. Seeks working partnership in established business. Preferably would live on premises with daughter aged 14. at present at school, but who would eventually help, in the business. Capital available £1,000. 949/457, C. & D. Office.

C. & D. Office.

DEMOBBED, R.A.M.C. Dispenser (31); unqualified; 5 years' retail, 1 year representative, 3 years' office routine. Desires partnership Wholesale Drugs or Chemist's Sundries. Up to £1,000 available. Consider Retail, Investment with Post view to Partnership later. London or Western Provinces. 948/404, C. & D. Office.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less. FOR SALE. Sykes Hydrometer, complete in case with Thermometer and Slide Rule, £4. 42 Spen-

Twith Thermometer and Slide Kule, £4. 42 Spennithorne Road, Stockton-on-Tees.

LIP-ON lids tins, 100 gross 3½ in. diameter by ½ in. What offers to clear? Lennard, Lee-Narvill & Co., Ltd., Anlaby Road, Hull.

AND 3 gallon Earthenware Jars for sale. Gunn, Whitepost, London Road, Rayleigh, Essex. Phone Rayleigh 87.

40 GROSS, 6 oz., Plain Medicals with screw caps, X, London Warehouse, offered subject to being unsold. 949/435, C. & D. Office.

EXPORT TRADE

A RE YOU MARKETING IN EIRE? Advertisers A ME 100 MARKETING IN EIRE? Advertisers can offer a complete manufacturing, packing, selling and distributing service for the Chemists. Business. The Principals have 25 years' connexion and stand very high in Pharmaceutical Circles. Write in confidence, 947/387, C. & D. Office.

EXPORTS. Director General Export Merchants and Agents visiting resident Agents Middle.

and Agents visiting resident Agents, Middle East and Europe, wishes contact reputable Manufacturers de irous of establishing permanent overseas markets for their products. Box H.605, Lee & Nichtingale, Liverpool.

EXPORTS.—Middle/Near East. Old-established U.K. Exporters desire contact makers of all kinds pharmaceutical medicinal control with the

U.K. Exporters desire contact makers of all kinds pharmaceutical, medicinal, surgical, rubber and toilet products especially better types, and Vaccines, Sera, Injections, Drugs of newest discoveries and general types. Our main Egyptian clients hold M. of Health permit to import and deal these lines. Sole distribution rights subject to results to be arranged for certain markets re above and/or other territories. Replies to V. S. Besso & Co., Ltd., 36 Queen St., Manchester 2.

NDIAN Doctor at present in London wishes to contact Manufacturer of Chemicals, Clinical Ther-

Contact Manufacturer of Chemicals, Clinical Thermometer and Pharmaceutical and allied products. as Distributor or Agent. Reply to 948/426, C.&D. Office.

PALESTINE. Well-established Wholesale Drug Store (owned by leading Chemists) seeks connexions with first-class Manufacturers of Pharmaceutical and Cosmetical Products. Sole Agency or Distributorship considered. Write: The United Chemists Limited, 55 Jaffa Road, Haifa.

PECORD Syringes and Anaesthetics: Our Australian Representative urgently requires agencies for these items. Please contact in first instance D. F. Limited, 49B Grayling Rd., N.16.

SWEDEN—HOLLAND

Well-reputed Agency firm, desirous of extending its field of activities, is interested in representing competitive exporters of Cosmetic articles, Chemicals for the cosmetic industry, Toilet articles, Lubber goods; first-class English, Swedish, and Dutch references.

Mr. Kurt Grunnbaum, Furulsundsgatan, Stockholm.

ZILL & CO., Princess Street, Bombay 2 (In with all-India organisation—desires comm tion with manufacturers and exporters of m tion with manuacturers and exporters or in requisites like syringes, needles, blood pr apparatus; rubber goods like hot water bag bags; enamelware like bed pans, funnels; pa gical bacteriological requisites like micros hæmocytometer, hæmoglobinometer, cover slips; chemist sundries like stoppered reagent bottles, mortar and pestles, pill tiles, me glasses, sutures and suture needles, laboratory if and graduated glassware, norcelainware, etc.

AGENCIES

7/6 for 36 words or less, 2d. for every additional w A DDITIONAL Lines wanted. A firm of a covering many parts of Great Britain the interested in offers of additional lines for significant controls. Chemists, Co-ops, Hairdressers, Grocers, Toy De both retail and wholesale. Full-time represent is as a red by travellers covered by fidelity b 944/279, C. & D. Office.

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A DVERTISER. WITH OTHER BIRD WATERINGS AND A Belfast, calling upon Chemists, Haird's and Stores, wishes to represent a firm of repute additional lines on commission.—G. S. McRit Room 405, 7 Bedford Street, Belfast.

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DUBLIN Wholesale Chemists seeks Agency Combs, Brushes and other Chemists' Sun from English Manufacturing House. 948/396, D. Office

IMPORTANT firm, with nation-wide sales orga tion, calling grocers, chemists, ironmon general stores, both wholesale and retail, prenegotiate with another Manufacturer to market lines on Agency or Sole Distributor terms, alt tively supplied under Advertiser's proprietary br only quality goods with prospects of developm will be considered. 949/437, C. & D. Office.

ANCS., Ches., Yorks. One or two additions required in this area. 944/280, C. &

Office

NORTHERN IRELAND'S leading agent Toilets and Sundries with large connex amongst chemists, seeks quantities of goods f Manufacturers. Also interested in other lines suit

Manufacturers. Also interested in other lines surfor Chemists. Send prices and samples to Marsha Co., 46-48 Donegall Street, Belfast.

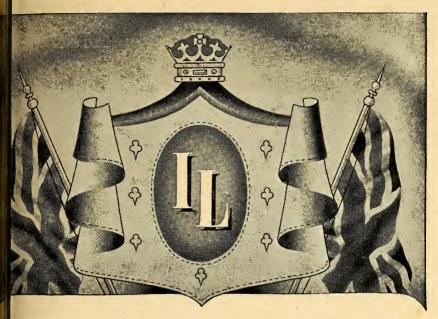
ANGENE PRODUCTS LTD, are re-organistheir selling force and seek first-class Resentatives in all areas (Fidelity Bond). Expel and Commission. Write giving particulars Monument Buildings, opposite Monument Stat

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WELL-KNOWN firm of distributors are it position to accept two further products distribution to the Pharmaceutical Trade. Comp distribution can be obtained with Chemists. Company also has its own manufacturing distributing companies abroad. Write in the instance to 948/402, C. & D. Office. Write in the f

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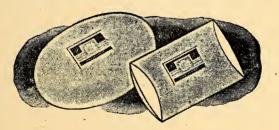
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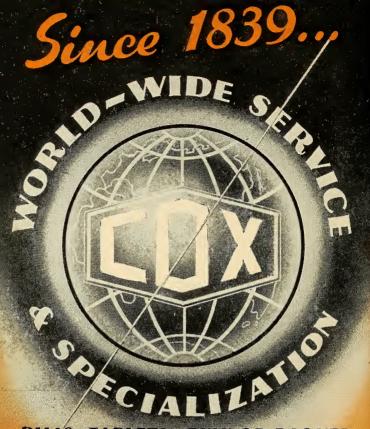
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